THE ROYAL

Almanack:

OR,

A DIARY of the true Places of the Sun ☽ and Planets, their Rising and Setting, High-water at *London-bridge*, with Rules to serve other Places after the New Theory of Tides, and Directions of Sir *Jonas Moore*.

To which are added

The Eclipses, Tables of the ☉ Rising, ☽ Southing, ☽ Rising and Setting, with the ☽, and other the Planets Apulses to the fixed Stars, for the Meridian of London. *Anno* 1675. and of his Majesties happy Reign 27.

All done with great Pains, according to the Rules of Art, for his Majesties Use, and at his Command.

By N. *Stephenson*, one of his Majesty's Gunners.

LONDON,
Printed for the Company of Stationers. 1675.

*62-1233

An Explication of the Pages of the Almanack.

EVery Month has two, the left and right hand Pages.

The right hand page contains 7 Columns. 1. The days of the Month. 2. The Dominical letter, and other letters for the Week-dayes. 3. The Festival, notable dayes; the Time of the Rising and Setting of the Planets, where ♄ stands for *Saturn*, ♃ for *Jupiter*, ♂ for *Mars*, ♀ for *Venus*, and ☿ for *Mercury*. 4. The ☉ Place. 5. ☽ Place. 6. The ☽ latitude, Septentrional, or Meridional. The 7*th*. is the time of High Water at *London-bridge*, and at *Tinmouth* (much differing from the ordinary Accompt) and observing to add or substract the Time set to the Places following, to or from the time in this Column serves at those Places. *Barwick*, *Flushing*, and *Hambrough*, add 45'. *Cork*, *Severn*, *Calice* add 1 h. 30'. *Falmouth* and *Humber* add 2 h. 15'. *Plimouth*, *Hull*, *Lyn* add 3 h. *Bristol* add 3 h. 45'. *Milford* and *Landsend* add 4 h. 30'. *Portland* and *Dublin* add 5 h. 15'. *Pool*, *Dunbar* and *Deep* add 6 h.

But for *Gravesend*, *Downs* and *Silly* substract 1 h. 30'. *Rochester* and *Black-Tayl* substract 2 h. 15'. *Sheerness*, *Southampton* and *Portsmouth* substract 3 h. *Rye* substract 3 h. 45'. *Yarmouth*, *Dover* substract 4 h. 30'. *Needles*, *Orford*, *North* and *South Forelands* substract 5 h. 15'. Note M stands for Morning, A Afternoon.

The right hand Page has 7 Columns at the top; the fifth Column has the first day of each Month, and every first day more: 2. has ♄ place: 3. his latitude: 4. ♃ place: 5. his latitude: 6. ♂ place: and 7. his latitude. Below 5 Columns; the first contains the dayes of the Month: the 2. ♀ place: 3. her latitude: 4. ☿ place: 5 his latitude.

Note, that *France*, *Italy* and many other places beyond Seas that follow the New or Gregorian Accompt, preceds ours by ten days; so that adding ten to ours, you have the forreign Accompt.

The

The Kings Offering-dayes:

HOuſhold-dayes when the Beſant is to be given by the Lord Steward, or other White-ſtaff Officer,

Viz. { Chriſtmas-day, Eaſter-day, *Whit-ſunday*, *All-Saints*,

Gold, Myrrh, and Frankincenſe, to be offered

On { *New-years day*, *Twelfth day*.

Other Offering-dayes,

Viz. { *Candlemas-day*, *Lady-day*, *Aſcenſion*, *Trinity Sunday*, St. *John Baptiſt*, St. *Michael* the *Archangel*.

The Kings Collar-dayes without Offering.

THe Holy-dayes, and Sundayes in the Twelve dayes, St. *Matthias*, Coronation day; Holy-days in *Eaſter* and *Whitſun-weeks*, St. *George*, St. *Mark*, St. *Philip* and *Jacob*, Kings Birth-day, St. *Peter*, St. *James*, St. *Bartholomew*, St. *Matthew*, St. *Luke*, St. *Simon* and *Jude*, *Gun-powder Treaſon*, St. *Andrew*, and St. *Thomas*,

January 31 dayes.

Full Moon the first day, 37 min. past 7 at night.
Last quarter the eighth day, 40 min. past 1 afternoon.
New Moon the 15 day, 39 min. past 9. at night.
First quarter the 23 day, 16 min. past 1 in the morning
Full Moon 31 day, 45 m. past 7 in the morning

M D	W D	Festivals and Planets Ri. & Set	☉ Plac.	☽ Plac.	☽ Lat.	Ful Sea Lon. Br
1	a	New-years da	21 ♑ 30	17 ♋ 21	0 S 19	2 40
2	b	☿ Rise 6. 17 ma.	22 31	1 ♌ 30	0 M 59	3 M 34
3	C		23 32	15 52	2 10	4 16
4	d	♄ Sets 0. 17 ma.	24 33	0 ♍ 21	3 23	4 49
5	e	♃ Rise 4.48 ma.	25 34	14 49	4 17	5 20
6	f	Twelfth day	26 36	29 19	4 55	5 49
7	g	♂ Sets 2. 54 ma.	27 37	13 ♎ 37	5 15	6 24
8	a	♀ Sets 7. 03 ves.	28 38	27 46	5 16	7 05
9	b		29 39	11 ♏ 42	4 56	7 54
10	C	1 past Epiph.	0 ♒ 40	25 28	4 20	8 56
11	d	♄ Sets 11.43 ves.	1 41	8 ♐ 59	3 31	10 07
12	e	♃ Rise 4. 27 ma.	2 42	22 20	2 31	11 16
13	f	♂ Sets 2. 41 ma.	3 43	5 ♑ 29	1 25	12 38
14	g	♀ Sets 6.29 ves.	4 44	18 26	0 13	1 A 44
15	a		5 45	1 ♒ 8	0 S 57	2 38
16	b		6 46	13 42	2 04	3 23
17	C	2 past Epiph	7 47	25 59	3 05	4 02
18	d	♄ Sets 11.19 ves.	8 48	8 ♓ 9	3 54	4 30
19	e	♃ Rise 4. 05 ma.	9 49	19 09	4 32	4 56
20	f	♂ Sets 2. 23 ma.	10 50	2 ♈ 6	5 00	5 19
21	g		11 51	13 58	5 13	5 44
22	a		12 52	25 51	5 14	6 11
23	b		13 52	7 ♉ 48	5 02	6 45
24	C	3 past Epiph.	14 53	19 54	4 35	7 26
25	d	St. Paul	15 54	2 ♊ 15	3 55	8 18
26	e	♄ Sets 10.48 ves.	16 55	14 55	3 03	9 20
27	f	♃ Rise 3. 30 ma.	17 55	27 58	2 01	10 31
28	g	♂ Sets 2. 08 ma.	18 56	11 ♋ 27	0 50	11 49
29	a		19 57	25 24	0 M 26	1 M 01
30	b	K Charls M.	20 57	9 ♌ 45	1 43	2 8
31	C	Septuagest.	21 58	24 28	2 55	3 4

	♄ in ♈ M	deg.	☽ in ♐ S	deg.	☽ in ♉ S	deg.
		2 ,		☉ ,		1 ,
1	22 12	32	10 12	38	17 33	54
6	22 24	31	11 09	38	19 01	55
11	22 37	29	12 05	38	20 38	56
16	22 54	28	12 58	38	22 20	56
21	23 13	27	13 49	38	24 22	56
26	23 34	26	14 22	38	26 25	56
	♀ in ♒ S	deg.	☿ in ♐ S	deg.		
		2 ,		2 ,		
1	25 44	32	28 07	4	First of *January*	
2	25 56	45	28 51	I 54	☽ Eclipsed.	
3	26 05	59	29 40	44		
4	26 13	3 13	0 ♑ 32	34		
5	26 18	27	1 28	25		
6	26 20	41	2 28	15		
7	26 R. 22	55	3 30	6		
8	26 19	4 10	4 35	0 56		
9	26 13	25	5 42	47		
10	26 06	39	6 52	37		
11	25 56	54	8 03	28		
12	25 43	5 9	9 16	19		
13	25 28	23	10 31	11		
14	25 10	38	11 48	2		
15	24 50	52	13 05	M 6		
16	24 27	6 6	14 24	14		
17	24 03	19	15 46	22		
18	23 36	32	17 07	30		
19	23 07	45	18 30	37		
20	22 37	57	19 53	44		
21	22 05	7 9	21 18	51		
22	21 31	20	22 44	58		
23	20 56	30	24 10	I 5		
24	20 20	40	25 38	11		
25	19 42	48	27 06	16		
26	19 06	57	28 35	22		
27	18 28	8 4	0 ♒ 5	27		
28	17 50	10	1 36	32		
29	17 13	14	3 08	37		
30	16 36	18	4 40	41		
31	16 00	22	6 14	45		

Febzuary 28 dayes.

Last quarter the 6 day 54 min. past 10 at night.
New Moon the 14 day 23 min. past 3 afternoon.
First quarter the 22 day 28 min. past 6 at night.

M D	☽ ☿	Festivals and Planets Ri. & Set	☉ Plac.	☽ Plac.	☽ Lat.	Ful Sea Lon. Br
1	d		12♒58	9♓25	3♏56	3♏32
2	e	Purif. Mary	23 59	24 23	4 40	4 27
3	f	♄ Sets 10. 21 vef.	24 59	9♈18	5 05	5 01
4	g	♃ Rise 3. 20 ma.	26 00	23 58	5 11	5 32
5	a	♂ Sets 1. 59 ma.	27 01	8♉20	4 57	6 6
6	b		28 01	22 21	4 24	6 47
7	ℳ	Sexagesima	29 01	5♊59	3 37	7 40
8	d	♄ Sets 10. 5 vef.	0♓02	19 19	2 39	8 39
9	e	♃ Rise 2. 56 ma.	1 2	2♋20	1 34	9 43
10	f	♂ Sets 1. 50 ma.	2 03	15 09	0 29	11 01
11	g		3 03	27 45	0S42	12 07
12	a	Term ends	4 03	10♒ 9	1 47	1 A 9
13	b	(Valen	5 03	22 24	2 46	2 04
14	ℭ	Quinquages. &	6 04	4♓35	3 37	2 49
15	d	Shrove-Munday	7 04	16 38	4 18	3 27
16	e	♄ Sets 9. 37 vef.	8 04	28 38	4 46	4 01
17	f	♃ Rise 2. 37 ma.	9 04	10♈32	5 03	4 28
18	g	♂ Sets 1. 42 ma.	10 04	22 25	5 07	4 57
19	a	♀ Rise 5. 36 ma.	11 04	4♉21	4 57	5 22
10	b		12 04	15 20	4 33	5 50
21	ℭ	Quadragesima	13 04	28 26	3 58	6 19
22	d	♄ Sets 9. 26 vef.	14 04	10♊44	3 12	7 3
23	e	♃ Rise 2. 13 ma.	15 04	23 19	2 14	7 57
24	f	St. Matthias	16 04	6♋15	1 08	8 56
25	g	♂ Sets 1. 38 ma.	17 04	19 37	0M03	10 09
26	a	♀ Rise 4. 43 ma.	18 04	3♌28	1 17	11 23
27	b	♄ Sets 9. 04 vef.	19 04	17 48	2 28	12 38
28	ℭ	Sund. in L.	20 04	2♍38	3 30	1M42

	♄ in ♈ M	deg. 2	♆ in ♐ S	deg. 0	♃ in ♉ S	deg. 1
1	24 03	24	15 31	38	29 03	56
6	24 29	23	16 12	38	1 ♊ 19	55
11	24 56	22	16 50	38	3 41	54
16	25 26	21	17 25	38	6 07	53
21	25 57	20	17 56	38	8 36	52
26	26 29	19	18 23	38	11 10	51

	♀ in ♒ S	deg. 8	☿ in ♒ M	deg. 1
1	15 25	24	7 48	49
2	14 51	25	9 23	53
3	14 19	25	10 59	56
4	13 47	25	12 36	58
5	13 17	23	14 14	2 1
6	12 51	21	15 52	2
7	12 25	18	17 33	3
8	12 02	14	19 13	5
9	11 43	10	20 54	6
10	11 24	5	22 37	7
11	11 08	7 59	24 20	8
12	10 55	53	26 05	7
13	10 44	46	27 50	6
14	10 36	39	29 36	4
15	10 30	31	1 ♓ 24	3
16	10 26	23	3 12	1
17	10 25	15	5 02	1 58
18	10 Di 27	6	6 52	55
19	10 31	6 57	8 44	51
20	10 37	48	10 36	47
21	10 45	39	12 30	42
22	10 56	20	14 25	37
23	11 10	20	16 20	31
24	11 24	10	18 16	25
25	11 41	0	20 13	18
26	12 00	5 50	22 10	11
27	12 21	41	24 08	2
28	12 44	31	26 07	0 54

March 31 dayes.

Full Moon the first day 41 min. past 5 at night.
Last quarter the 8 day 44 min. past 9 in the morning.
New Moon the 16 day 58 min. past 8 in the morning.
First quarter the 23 day 13 min. past 9 in the morning.
Full Moon the last day 7 min. past 2 in the morning.

M	D	W	Festivals and Planets Ri. & Set	☉ Plac.	☽ Plac.	☽ Lat.	Ful Sea Lon. Br
1	d	d	♃ Rise 1. 53 ma.	21 ♓ 03	17 ♑ 45	4 20	2 39
2	e	e		22 03	3 ♌ 01	4 54	3 29
3	f	f	♂ Sets 1. 31 ma.	23 02	18 18	5 04	4 12
4	g	g	♀ Rise 4. 28 ma.	24 02	8 ♍ 21	4 54	4 50
5	a	a		25 02	18 00	4 22	5 24
6	b	b		26 01	2 ♐ 14	3 38	5 59
7	☾	c	3 Sun. in Lent	27 01	15 58	2 42	6 42
8	d	d	♄ Sets 8. 37 vef.	28 01	26 16	1 38	7 35
9	e	e	♃ Rise 1. 26 ma.	29 00	12 ♐ 12	0 31	8 32
10	f	f	♂ Sets 1. 21 ma.	29 59	24 50	0 S 36	9 35
11	g	g	♀ Rise 4. 22 ma.	0 ♈ 59	7 ♒ 12	1 40	10 40
12	a	a		1 58	19 25	2 39	11 39
13	b	b		2 57	1 ♓ 31	3 30	12 35
14	☾	c	Mid. Lent. S.	3 56	13 30	4 10	1 A 27
15	d	d	♄ Sets 8. 16 vef	4 56	25 28	4 39	2 14
16	e	e	♃ Rise 1. 3 ma	5 55	7 ♈ 26	4 56	2 58
17	f	f	♂ Sets 1. 15 ma	6 54	19 20	5 00	3 35
18	g	g	♀ Rise 4. 15 ma.	7 53	1 ♉ 17	4 52	4 09
19	a	a		8 52	13 15	4 31	4 40
20	b	b		9 51	25 19	3 58	5 09
21	☾	c	5 Sunday in L.	10 50	7 ♊ 29	3 14	5 40
22	d	d	♃ Rise 0. 43 ma.	11 49	19 50	2 19	6 14
23	e	e	♂ Sets 1. 12 ma.	12 48	2 ♋ 25	1 18	6 55
24	f	f	♀ Rise 4. 10 ma.	13 47	15 17	0 0	7 45
25	g	g	Lady day	14 46	28 30	1 M 3	8 44
26	a	a		15 45	12 ♌ 4	2 12	9 50
27	b	b		16 44	26 21	3 15	10 59
28	☾	c	Palm Sunday	17 43	11 ♍ 00	4 6	12 08
29	d	d	♃ Rise 0. 11 ma.	18 42	26 02	4 42	1 M 14
30	e	e	♂ Sets 1. 1 ma.	19 40	11 ♎ 18	4 59	2 17
31	f	f	♀ Rise 4. 2 ma.	20 39	26 40	4 55	3 14

	♄ in ♈ M		deg. 2 ,	♆ in ♐ S		deg. 0 ,	♂ in ♊ S		deg. 1 ,
1	26	49	19	18	37	38	12	41	51
6	27	23	18	18	58	38	15	21	49
11	27	58	17	19	14	38	18	01	48
16	28	35	17	19	25	38	20	44	47
21	29	12	16	19	32	38	23	28	45
26	29	49	16	19	34	28	26	15	44
	♀ in ♒ S		deg. 5 ,	☿ in ♓ M		deg. 0 ,			
1	13	08	21	28	05	45			
2	13	34	11	0	♈ 04	35			
3	14	02	1	2	03	25			
4	14	38	4 51	4	02	15			
5	15	02	42	5	57	S 4			
6	15	34	32	7	53	8			
7	16	08	22	9	47	19			
8	16	43	12	11	39	31			
9	17	19	3	13	28	43			
10	17	57	3 53	15	14	55			
11	18	35	44	16	59	I 7			
12	19	15	35	18	36	20			
13	19	56	26	20	11	31			
14	20	38	17	21	41	43			
15	21	20	7	23	03	54			
16	22	05	2 59	24	25	2 5			
17	22	51	50	25	38	15			
18	23	37	41	26	44	24			
19	24	24	33	27	46	33			
20	25	12	24	28	40	41			
21	26	00	16	29	26	47			
22	26	49	8	0	♉ 07	53			
23	27	39	0	0	41	58			
24	28	29	I 52	1	06	3			
25	29	21	44	1	25	I 4			
26	0	♓ 13	36	1	39	5			
27	1	05	29	1	44	4			
28	1	58	21	1	Ret. 43	2			
29	2	52	14	1	5	2 59			
30	3	46	6	1	22	54			
31	4	41	0 59	1	05	48			

Aprill 30 dayes.

Last quarter the 6 day 37 min. past 10 at night.
New Moon the 15 day 26 min. past 1 in the morning.
First quarter the 22 day 25 min. past 7 at night.
Full Moon the 29 day 55 min. past 9 in the morning.

N	C	Festivals and Planets R.& Set	☉ Plac.	☽ Plac.	☽ Lat.	Ful Sea Lon.	Br
1	g	♃ Ri. 12.2 noct.	21 ♈ 37	11 ♏ 51	4 29	4	Mo3
2	a	♂ Sets 0.59 ma.	22 36	26 45	3 46	4	20
3	b	☿ Rise 2.55 ma.	23 34	11 ♐ 10	2 49	5	20
4	C	Easter day	24 33	25 06	1 43	5	56
5	d	♃ Ri. 11.47 vef.	25 32	8 ♑ 30	0 34	6	37
6	e	♂ Sets 0.54 ma.	26 30	21 29	0 S 34	7	23
7	f	☿ Rise 3.45 ma.	27 29	4 ♒ 3	1 39	8	16
8	g		28 27	16 21	2 38	9	07
9	a		29 25	28 29	3 39	10	01
10	b		0 ♉ 23	10 ♓ 28	4 11	10	56
11	C	Low Sunday	1 21	22 25	4 40	11	52
12	d	♃ Ris 11.17 vef.	2 20	4 ♈ 19	4 58	12	45
13	e	♂ Sets 0.44 ma.	3 18	16 14	5 00	1	A37
14	f	☿ Rise 3.34 ma.	4 16	28 13	4 51	2	27
15	a		5 15	10 ♉ 14	4 31	3	13
16	a	♃ Rise 11.3 vef.	6 13	22 21	3 57	3	54
17	b	♂ Sets 0.40 ma.	7 11	4 ♊ 13	3 12	4	28
18	C		8 09	16 54	2 18	5	02
19	d	☿ Rise 3.21 ma	9 07	29 28	1 15	5	33
20	e		10 06	12 ♋ 6	0 M 7	6	06
21	f	Term begins	11 04	25 2	1 1	6	46
22	g		12 02	8 ♌ 15	2 8	7	32
23	a	St. George	13 00	21 48	3 19	8	25
24	b		13 58	5 ♍ 48	4 03	9	22
25	C		14 56	20 09	4 42	10	28
26	d	♃ Ris. 10.25 vef.	15 54	4 ♎ 53	5 01	11	39
27	e	♂ Sets 0.26 ma.	16 50	19 52	5 02	12	47
28	f	☿ Rise 3.11 ma.	17 48	5 ♏ 00	5 02	1	M56
29	g		18 46	20 05	4 43	2	58
3	a		19 44	4 ♐ 57	3 09	3	52

	♄ in ♉		deg.	♆ in ♐		deg.	☉		deg.	♂ in ♊		deg.
			° ′			° ′			° ′			° ′
1	0	35	15	19	Ret. 30		38	29	36			42
6	1	13	15	19	22		38	2	♋ 26			40
11	1	52	15	19	10		38	5	17			39
16	2	30	15	18	53		38	8	10			37
21	3	09	15	18	31		38	11	3			35
26	4	47	15	18	06		38	13	58			34
	♀ in ♓		deg.	☿ in ♉		deg.						
			°			° ′						
1	5	36	52	0	39		40					
2	6	32	46	0	10		31					
3	7	29	39	29	36		20					
4	8	26	32	29	00		8					
5	9	23	26	28	21		I 55					
6	10	20	20	27	40		41					
7	11	18	14	26	57		26					
8	12	17	8	26	14		10					
9	13	16	M 2	25	31		0 54					
10	14	15	4	24	50		37					
11	15	15	10	24	11		20					
12	16	15	15	23	34		M 4					
13	17	15	21	23	01		13					
14	18	16	26	22	31		20					
15	19	16	31	22	03		I 46					
16	20	18	36	21	43		1					
17	21	19	41	21	26		16					
18	22	21	46	21	14		30					
19	23	23	50	21	Dir. 04		44					
20	24	26	55	21	02		56					
21	25	28	I 59	21	04		2 8					
22	26	31	3	21	10		19					
23	27	34	7	21	22		29					
24	28	37	11	21	38		38					
25	29	21	15	21	58		46					
26	0 ♈	45	19	22	22		54					
27	1	49	22	22	51		3 0					
28	2	53	26	13	25		6					
29	3	57	29	23	59		10					
30	5	02	32	14	41		14					

Last quarter the 6 day 13 min. past 1 in the morning.
New Moon the 14 day 18 min. past 4 in the evening.
First quarter the 21 day at 45 min. in the morning.
Full Moon the 28 day 13 min. past 6 at night.

M	D	W	Festivals and Planets R.&Set	☉Plac.	☽Plac.	☽Latt.	Ful Sea Lon.	Br
	1	b	S. Phil. & Ja	20♉43	19♐24	2 04	4M	38
	2	c		21 40	3♑33	0 49	5	17
	3	d	♃Rise 9.50.vef.	22 38	16 58	0 S 19	5	47
	4	e	♂ Sets 0. 7 ma.	23 36	0♒ 3	1 13	6	22
	5	f	♀ Rise 3. 2 ma.	24 33	12 42	2 34	7	01
	6	g	♃Rise 9.43 vef.	25 31	25 03	3 30	7	43
	7	a	♂ Se.12.2 nocт.	26 29	7♓ 8	4 13	8	26
	8	b	♀ Rise 2.52 ma.	27 26	19 07	4 44	9	12
	9	c	Rog. Sunday	28 24	0♈48	5 04	10	07
	10	d	♃Rise 9.20 vef.	29 21	12 52	5 08	11	02
	11	e	♂Set.11.51 vef.	0♊19	24 49	5 02	11	59
	12	f	♀ Rise 2.47 ma.	1 17	6♉48	4 41	12	56
	13	g	Ascension day	2 14	18 56	4 08	1	A54
	14	a		3 12	1♊11	3 22	2	48
	15	b		4 09	13 37	2 27	3	35
	16	c		5 06	26 13	1 24	4	16
	17	d	Term ends	6 04	9♋00	0 16	4	51
	18	e	♃Rise 8.42 vef.	7 01	22 00	0M54	5	23
	19	f	♂ Se.11.39 vef.	7 59	5♌11	1 59	5	54
	20	g	♀ Ris.2.32 ma.	8 56	18 33	3 08	6	29
	21	a		9 53	2♍12	4 02	7	09
	22	b		10 51	16 04	4 43	7	57
	23	c	Whitsunday	11 48	0♎13	5 08	8	52
	24	d	♃ Ris.8.15 vef.	12 46	14 38	5 13	9	53
	25	e	♂ Se.11.21 vef.	13 43	29 14	5 00	11	02
	26	f	♀ Ris.2.17 ma.	14 40	13♏56	4 26	12	19
	27	g		15 38	28 37	3 34	1M	34
	28	a		16 35	13♐10	2 29	2	42
	29	b	R. C. 2. N: Re.	17 32	27 31	1 16	3	38
	30	c	Trin. Sund.	18 29	11♑27	0 00	4	23
	31	d	♄Rise 2.11 ma	19 29	24 52	1 S 13	5	00

	♄ in ♉ M		deg. 2 ′	♃ in ♐ S		deg. 0 ′	♂ in ♋ S		deg. 1 ′
1	4	25	15	17	37	37	16	53	32
6	5	2	16	17	6	37	19	51	30
11	5	38	16	16	31	37	22	47	28
16	6	14	16	15	55	36	25	45	27
21	6	49	17	15	18	36	28	43	25
26	7	23	17	14	40	35	1 ♌	43	23

	☿ in ♈ M		deg. 1 ′	☿ in ♈ M		deg. 3 ′
1	6	07	35	25	26	17
2	7	12	38	26	14	19
3	8	17	41	27	05	21
4	9	22	43	27	59	22
5	10	27	46	28	55	22
6	11	33	48	29	58	21
7	12	39	51	1 ♉	02	19
8	13	45	53	2	08	17
9	14	51	55	3	18	15
10	15	57	57	4	31	11
11	17	03	59	5	46	7
12	18	10	2 1	7	04	2 3
13	19	17	2	8	25	58
14	20	24	4	9	48	52
15	21	31	5	11	13	46
16	22	38	6	12	41	40
17	23	45	7	14	12	33
18	24	52	8	15	45	25
19	26	00	9	17	21	17
20	27	07	10	18	59	8
21	28	15	11	20	38	1 59
22	29	23	11	22	22	49
23	0 ♉	30	12	24	08	40
24	1	39	12	25	57	29
25	2	47	13	27	48	19
26	3	55	13	29	41	8
27	5	03	13	1 ♊	36	0 57
28	6	12	13	3	34	47
29	7	21	13	5	35	36
30	8	29	12	7	37	25
31	9	37	12	9	41	14

June 30 dayes.

Last quarter the 5 day 17 min. past 5 in the morning
New Moon the 13 day 20 min. past 5 in the morning
First quarter the 20 day 33 min. past 7 in the morning
Full Moon the 26 day 44 min. past 3 in the morning.

♋		Festivals and Planets R. & Set	☉ Plac.	☽ Plac	☽ Lat.	Ful Sea Lon. Br
1	e	♃ Sets 3. 3 ma.	20 ♊ 24	8 ♒ 03	2 S 22	5 M 27
2	f	♂ Set. 10. 39 ves.	21 20	20 48	3 21	5 56
3	g	♀ Rise 2. 8 ma.	22 18	3 ♓ 13	4 8	6 26
4	a	**Term begins**	23 15	15 23	4 44	7 00
5	b	♄ Rise 1. 53 ma.	24 13	27 21	5 07	7 38
6	☌	**1 past Trinity**	25 10	9 ♈ 13	5 16	8 20
7	d	♃ Sets 3. 4 ma.	26 07	21 05	5 13	9 08
8	e	♂ Set. 10. 42 ves.	27 03	3 ♉ 00	4 55	10 04
9	f	♀ Rise 1. 59 ma.	28 01	15 02	4 24	11 05
10	g		28 59	27 12	3 41	12 11
11	a	**St. Barnaby**	29 56	9 ♊ 38	2 47	1 A 16
12	b	♄ Rise 1, 24 ma	0 ♋ 53	22 16	1 44	2 18
13	☍	**2 past Trinity**	1 50	5 ♋ 11	0 35	3 14
14	d	♃ Sets 2. 34 ma.	2 47	18 22	0 M 37	3 59
15	e	♂ Set. 10. 24 ves.	3 44	1 ♌ 41	1 50	4 35
16	f	♀ Rise 1. 50 ma.	4 41	15 14	2 08	5 07
17	g	♄ Rise 1. 04 ma.	5 39	28 58	3 57	5 35
18	a	♃ Sets 2. 16 ma.	6 37	12 ♍ 53	4 41	6 07
19	b	♂ Set. 10. 10 ves.	7 33	26 51	5 09	6 41
20	☌	**3 past Trinity**	8 30	11 ♎ 00	5 18	7 25
21	d	♀ Rise 1. 38 ma.	9 27	25 09	5 09	8 19
22	e		10 20	9 ♏ 26	4 41	9 22
23	f	**Term ends**	11 22	23 40	3 55	10 35
24	g	**S. John Bap.**	12 19	7 ♐ 53	2 56	11 55
25	a	♄ Rise 0. 30 ma.	13 17	22 00	1 46	1 M 12
26	b	♃ Sets 1. 40 ma.	14 13	5 ♑ 54	0 31	2 21
27	☍	**4 past Trinity**	15 10	19 34	0 S 46	3 17
28	d	♂ Sets 9. 49 ves.	16 08	2 ♒ 55	1 56	4 00
29	e	**S Pe. & Paul**	17 05	15 59	3 01	4 34
30	f	♀ Rise 1. 33 ma.	18 02	28 43	3 54	5 03

	♄ in ♉ M		deg. 2 ,	♃ in ♐ S		deg. 0 ,	♂ in ♌ S		deg. 1 ,
1	8	02	18	13	55	34	5	19	21
6	8	33	19	13	19	34	8	20	19
11	9	03	20	12	42	33	11	22	17
16	9	31	20	12	08	32	14	25	15
21	9	58	21	11	36	31	17	28	13
26	10	22	22	11	08	30	20	32	11

	♀ in ♉ M		deg. 2 ,	☿ in ♊ M		deg. 0 ,	
1	10	46	12	11	46	S 4	
2	11	55	11	13	52	S 7	
3	13	03	11	16	01	18	
4	14	12	10	18	12	29	
5	5	21	9	20	23	38	
6	16	31	8	22	34	48	
7	17	40	7	24	46	56	
8	18	49	6	26	58	I 5	
9	19	58	5	29	10	13	
10	21	08	4	1 ♋	22	20	
11	22	17	3	3	33	26	
12	23	27	1	5	43	32	
13	24	37	0	7	53	37	☉ Eclipsed in the morning.
14	25	46	I 59	10	00	41	
15	26	56	57	12	05	44	
16	28	7	55	14	10	47	
17	29	17	54	16	12	49	
18	0 ♊	27	52	18	13	50	
19	1	37	50	20	12	51	
20	2	47	48	22	09	51	
21	3	57	46	24	03	50	
22	5	08	44	25	56	48	
23	6	18	42	27	47	46	
24	7	29	40	29	36	43	
25	8	39	38	1 ♌	23	40	
26	9	50	36	3	07	36	
27	11	00	33	4	50	32	
28	12	11	31	6	31	26	☽ Eclipsed in the morning.
29	13	22	29	8	08	21	
30	14	32	26	9	45	15	

July 31 Dayes.

Last quarter the 4 day, 13 min. past 10 at night.
New Moon the 12 day, 32 min. past 4 in the afternoon.
First quarter the 19 day, 7 min. afternoon.
Full Moon 26 day, 8 m. past 3 in the afternoon.

MDI	WDI	Festivals and Planets Ri. & Set	☽ Plac.	☽ Plac.	☽ Lat.	Ful Sea Lon. Br
			18♌59	11♓09	4 S 34	5M28
1	g					
2	a	Visita. Bl. Mary	19 52	23 20	5 02	5 53
3	b		20 54	5♈22	5 16	6 21
4	☾	5 past Trinity	21 51	17 13	5 15	6 55
5	d	♄ Rise 11.50 vef.	22 48	29 04	5 02	7 33
6	e	♆ Sets 0.57 ma.	23 46	10♉56	4 36	8 20
7	f	♂ Sets 9.22 vef.	24 42	22 57	3 58	9 15
8	g	♀ Rise 1.37 ma.	25 40	5♊11	3 07	10 21
9	a		26 37	17 39	2 08	11 31
10	b		27 34	0♋25	1 01	12 42
11	☾	6 past Trinity	28 31	13 33	0M07	1A 52
12	d	♄ Ris. 11.21 vef.	29 29	27 02	1 26	2 48
13	e	♆ Sets 0. 27 ma.	0♌26	10♌47	2 36	3 37
14	f		1 23	24 50	3 38	4 16
15	g	Swithin	2 21	9♍02	4 27	4 49
16	a	♀ Rise 1.40 ma.	3 18	23 20	5 00	5 18
17	b		4 15	7♎38	5 15	5 48
18	☾	Dog dayes begin	5 13	21 54	5 09	6 22
19	d	♄ Ris. 10.48 vef.	6 10	6♏04	4 46	7 05
20	e	♆ Sets 11.5 ma.	7 08	20 08	4 05	8 01
21	f	♂ Rise 1.50 ma.	8 05	3♐58	3 10	9 05
22	g		9 03	17 49	2 05	10 20
23	a		10 00	1♑28	0 54	11 37
24	b		10 57	14 57	0 S 21	12 51
25	☾	St. James	11 55	28 13	1 33	1M50
26	d	♄ Ris. 10.30 vef	12 52	11♒18	2 37	2 50
27	e	♆ Sets 11.24 vef.	13 48	24 07	3 34	3 33
28	f	♀ Rise 2. 1 ma.	14 47	6♓45	4 18	4 08
29	g		15 45	19 08	4 49	4 37
30	a		16 43	1♈16	5 8	5 03
31	b		17 40	13 19	5 12	5 27

	♄ in ♉ M		deg. 2 ′	♆ in ♐ S		deg. 0 ′	♂ in ♌ S		deg. 1 ′
1	10	45	23	10	44	29	23	37	9
6	11	05	24	10	24	28	26	43	7
11	11	24	26	10	06	27	29	49	5
16	11	40	27	9	54	25	♃	56	2
21	11	54	28	9	47	26	6	04	0
26	12	05	29	9	43	24	9	14	☉58

	♀ in ♊ M		deg. 1 ′	☿ in ♉ S		deg. 1 ′
1	15	43	24	11	19	8
2	16	54	22	12	52	2
3	18	05	19	14	22	☉54
4	19	16	16	15	51	46
5	20	27	14	17	17	38
6	21	38	11	18	41	30
7	22	50	9	20	03	21
8	24	01	6	21	23	11
9	25	12	3	22	41	2
10	26	24	0	23	56	M 8
11	27	35	☉58	25	09	18
12	28	46	55	26	19	29
13	29	58	52	27	27	40
14	1 ♍	10	49	28	33	51
15	2	21	47	29	36	I 2
16	3	33	44	0 ♍	36	13
17	4	45	41	1	33	24
18	5	57	38	2	27	36
19	7	09	35	3	19	48
20	8	21	32	4	07	59
21	9	33	29	4	52	2 11
22	10	45	27	5	33	23
23	11	57	24	6	11	35
24	13	09	21	6	44	47
25	14	21	18	7	13	58
26	15	33	15	7	38	3 10
27	16	46	12	7	59	21
28	17	58	9	8	14	32
29	19	11	7	8	25	42
30	20	23	5	8	30	52
31	21	36	1	8	31	4 11

August 31 dayes.

Last quarter the 3 day 11 min. past 3 in the afternoon
New Moon the 11 day 12 min. past 2 in the morning
First quarter the 17 day 51 m. past 5 in the afternoon
Full Moon the 24 day 44 min. past 4 in the morning

MDI	WDI	Festivals and Planets Ri. & Set	☉ Plac.	☽ Plac.	☽ Lat.	Ful Sea Lon. Br
1	☾	Lammas	18 ♌ 38	25 ♈ 11	5 01	5 53
2	d	♄ Rise 10.3 vef.	19 36	7 ♉ 04	4 39	6 23
3	e	♃ Sets 10.58 vef.	20 33	18 55	4 05	7 01
4	f	♀ Rise 2.19 ma.	21 31	0 ♊ 57	3 20	7 48
5	g		22 29	13 04	2 24	8 43
6	a		23 26	25 33	1 21	9 48
7	b		24 24	7 ♋ 20	0 13	10 59
8	☾	10 past Trin	25 22	21 34	0 ♍ 57	12 11
9	d	♄ Rise 9.37 vef.	26 20	5 ♌ 13	2 09	1 A 20
10	e	♃ Sets 10.33 vef.	27 18	19 24	3 14	2 21
11	f	♀ Rise 2. 56 ma.	28 16	3 ♍ 44	4 7	3 12
12	g		29 13	18 22	4 45	4 00
13	a		0 ♍ 11	3 ♎ 08	5 05	4 34
14	b		1 09	17 51	5 03	5 05
15	☾	11 past Trin	2 07	2 ♏ 27	4 44	5 38
16	d	♄ Rise 9.21 vef.	3 05	16 48	4 06	6 14
17	e	♃ Sets 10.8 vef.	4 03	0 ♐ 53	4 13	7 00
18	f	♀ Rise 3. 2 ma.	5 01	14 40	2 11	7 57
19	g		6 00	28 12	1 02	9 01
20	a		6 58	11 ♑ 28	0 S 08	10 14
21	b		7 56	24 34	1 19	11 23
22	☾	12 past Trin	8 54	7 ♒ 29	2 23	12 32
23	d	♄ Rise 8. 45 vef.	9 52	20 13	3 20	1 M 30
24	e	S. Barthol.	10 51	2 ♓ 47	4 04	2 20
25	f	♃ Sets 9. 44 vef.	11 49	15 11	4 37	3 06
26	g	♀ Rise 3.25 ma	12 47	27 26	4 57	3 41
27	a	Dog dayes end	13 45	9 ♈ 33	5 03	4 14
28	b		14 44	21 32	4 56	4 43
29	☾	13 past Trin.	15 42	3 ♉ 28	4 36	5 10
30	d		16 41	15 18	4 04	5 36
31	e	☿ Rise 3. 48 ma.	17 39	27 10	3 22	6 7

	♄ in ♉ M		deg. 2 ,	♆ in ♐ S		deg. 0 ,	♂ in ♍ S		deg. 0 ,
1	12	16	31	9 Dir.	46	23	13	00	55
6	12	21	32	9	54	22	16	11	53
11	12	25	33	10	03	22	19	23	51
16	12 Re.	25	34	10	22	21	22	35	48
21	12	23	36	10	42	20	25	48	46
26	12	18	37	11	07	19	29	02	44
	☿ in ♋ S		deg 0 ,	☿ in ♍ M		deg. 4 ,			
1	22	48	2	8 Re.	26	10			
2	24	01	5	8	15	18			
3	25	14	7	7	59	24			
4	26	26	10	7	38	31			
5	27	39	13	7	11	35			
6	28	52	15	6	38	39			
7	0 ♌	05	18	6	01	40			
8	1	18	21	5	19	41			
9	2	31	23	4	33	39			
10	3	44	26	3	44	36			
11	4	57	28	2	50	31			
12	6	10	31	1	56	25			
13	7	23	33	1	2	15			
14	8	37	35	0	8	4			
15	9	50	38	29 ♌	15	3	51		
16	11	3	40	28	25	37			
17	12	17	42	27	38	22			
18	13	30	45	26	57	5			
19	14	43	47	26	21	2	48		
20	15	57	49	25	53	38			
21	17	10	51	25	31	11			
22	18	25	53	25	18	1	52		
23	19	38	55	25	13	33			
24	20	52	57	25 Di.	18	14			
25	22	06	59	25	31	0	56		
6	23	20	1 1	25	52	38			
27	24	33	3	26	22	21			
28	25	47	4	27	2	4			
29	27	01	6	27	49	S 1			
30	28	15	8	28	44	24			
31	29	29	9	29	46	39			

September 30 dayes.

Last quarter the 2 day 20 min. past 11 before noon.
New Moon the 9 day at 11 before noon.
First quarter the 14 day at 2 in the morning.
Full Moon the 23 day 38 min. past 8 at night.

MDi	WDi	Festivals and Planets Ri.& Set	☉Plac.	☽Plac.	☽ Lat.	FulSea Lon.Br
1	f	♄ Rise 8.13 ves.	18♍38	9♊09	2 29	6 44
2	g	♃ Sets 9.15 ves.	19 36	21 16	1 30	7 28
3	a	♀ Rise 3.55 ma.	20 35	2♋37	0 26	8 26
4	b	☿ Rise 3.59 ma.	21 34	16 23	0M41	9 28
5	☾	14 past Trin.	22 32	29 31	1 49	10 37
6	d	♄ Rise 7.55 ves.	23 31	13♌12	2 53	11 48
7	e	♃ Sets 8.58 ves.	24 29	27 22	3 48	12 55
8	f	Nat. of Mary	25 28	11♍58	4 31	1 A59
9	g	♀ Rise 4.17 ma.	26 27	26 56	4 41	2 53
10	a		27 26	12♎06	5 00	3 41
11	b		28 24	27 14	4 43	4 23
12	☾	15 past Trin.	29 23	12♏21	4 08	5 01
13	d	♄ Rise 7.28 ves.	0♎22	26 51	3 17	5 35
14	e	Holy Crois	1 21	11♐ 7	2 14	6 14
15	f	♃ Sets 8 35 ves.	2 20	24 55	1 05	7 2
16	g	♀ Rise 4.40 ma.	3 19	8♑28	0 S07	7 57
17	a		4 18	21 34	1 15	8 56
18	b		5 17	4♒27	2 19	10 00
19	☾	16 past Trin.	6 16	17 05	3 15	11 04
20	d	♄ Rise 7. 2 ves.	7 15	29 34	3 59	12 04
21	e	S. Matthew	8 15	11♓52	4 35	12 59
22	f	♃ Sets 8. 12 ves.	9 14	24 04	4 54	1M51
23	g	♀ Rise 5.05 ma.	10 12	6♈11	5 01	2 36
24	a		11 12	18 12	4 53	3 17
25	b		12 12	0♉10	4 34	3 56
26	☾	17 past Trin.	13 11	12 2	4 03	4 27
27	d	♄ Rise 6.35 ves.	14 11	23 54	3 22	4 58
28	e	♃ Sets 7. 49 ves.	15 10	5♊49	2 30	5 26
29	f	S. Michael	16 09	17 48	1 33	5 57
30	g	♀ Rise 5. 28 ma	17 09	29 56	0 30	6 33

	♄ in ♉		deg ♃	♆ in ♐		deg. ☉	♂ in ♎		deg. ☉
1	12	8	38	11	42	18	2	58	41
6	11	58	39	12	15	17	6	14	38
11	11	45	40	12	52	16	9	31	36
16	11	29	41	13	32	16	12	49	33
21	11	12	42	14	15	15	16	16	31
26	10	52	42	15	02	14	19	30	28

	♀ in ♍	S	deg. ☽	☿ in ♍	S	deg ☉
1	0	42	11	0	56	51
2	1	58	12	2	12	I 2
3	3	12	13	3	33	11
4	4	26	15	5	00	20
5	5	40	16	6	33	27
6	6	54	17	8	08	34
7	8	09	18	9	47	39
8	9	23	19	11	29	43
9	10	37	20	13	13	46
10	11	52	21	14	59	48
11	13	06	22	16	47	49
12	14	21	23	18	35	50
13	15	35	24	20	24	50
14	16	50	24	22	14	49
15	18	4	25	24	05	47
16	19	19	25	25	55	45
17	20	34	26	27	44	42
18	21	48	26	29	34	38
19	23	3	27	I ♑	22	35
20	24	18	27	3	11	31
21	25	32	27	4	59	26
22	26	47	27	6	46	21
23	28	2	27	8	32	16
24	29	17	27	10	16	11
25	0	♑ 32	27	12	3	5
26	1	47	27	13	47	0 59
27	3	02	27	15	30	53
28	4	17	27	17	13	47
29	5	32	26	18	55	41
30	6	47	26	20	36	33

October 31 dayes.

Last quarter the 2 day 52 min. past 11 at night.
New Moon the 8 day 43 min. past 7 at night.
First quarter the 15 day 34 min. past 1 in the afternoon.
Full Moon the 23 day 25 min. past 2 in the afternoon.
Last quarter the 31 day 25 m. past 1 in the afternoon.

M	C	Festivals and Planets R. & Set	☉ Plac	☽ Plac.	☽ Latt.	Ful Sea Lon.	Br
1	a		18♎09	12♑19	0♏37	7	17
2	b		19 08	24 38	1 41	8	11
3	C	18 past Trin	20 08	8♒ 2	2 44	9	6
4	d	♄ Rise 6.10 vesp.	21 07	21 36	3 39	10	11
5	e	♃ Sets 7.29 vesp.	22 07	5♓39	4 24	11	18
6	f		23 07	20 13	4 52	12	25
7	g	♄ Rise 5.59 vesp.	24 07	5♈11	5 03	1	A30
8	a	♃ Sets 7.23 vesp.	25 07	20 27	4 49	2	32
9	b		26 06	5♉47	4 19	3	28
10	C	19 past Trin.	27 06	21 01	3 28	4	17
11	d	♄ Rise 5.40 vesp.	28 06	5♊57	2 29	4	57
12	e	♃ Sets 7.10 vesp.	29 06	20 27	1 13	5	33
13	f		0♏06	4♋30	0 0	6	11
14	g		1 06	18 07	1 S 13	6	55
15	a	♄ Rise 5.29 vesp.	2 06	1♌17	2 19	7	44
16	b	♃ Sets 6 58 vesp.	3 06	14 5	3 10	8	36
17	C	20 past Trin.	4 05	26 38	4 02	9	30
18	d	S. Luk. Evan	5 06	8♍38	4 37	10	25
19	e	♄ Rise 5. 4 vesp.	6 06	21 6	4 58	11	22
20	f	♃ Sets 6.45 vesp.	7 06	3♎10	5 05	12	17
21	g		8 06	15 8	5 00	1	M11
22	a		9 07	27 04	4 40	2	04
23	b	Term begins	10 07	8♏52	4 09	2	50
24	C	21 past Trin.	11 07	20 53	3 27	3	32
25	d		12 08	2♐50	2 35	4	10
26	e	♄ Sets 6.50 vesp.	13 08	14 49	1 37	4	44
27	f		14 08	26 56	0 33	5	15
28	g	Sim & Jude	15 09	9♑11	0M33	5	46
29	a	♃ Sets 6.17 vesp.	16 09	21 37	1 38	6	19
30	b		17 10	4♒21	2 41	6	59
31	C	22 past Trin.	18 10	17 22	3 37	7	44

	♄ in ♉		deg. 2 ′	♆ in ♐		deg. 0 ′	♂ in ♎		deg. 0 ′
1	10	32	43	15	51	14	22	52	25
6	10	10	43	16	43	13	26	15	23
11	09	47	43	17	37	12	29	39	20
16	9	23	44	18	34	12	♏ 3	04	17
21	8	58	44	19	33	11	6	30	14
26	8	24	44	20	33	10	9	57	11

	♀ in ♍		deg. 1 ′	☿ in ♍		deg. 0 ′
1	8	2	25	22	16	28
2	9	16	25	23	56	21
3	10	31	24	25	35	14
4	11	46	24	27	13	8
5	13	01	23	28	50	♌ 1
6	14	16	22	♎ 0	27	6
7	15	31	21	2	04	12
8	16	46	20	3	39	19
9	18	01	19	5	14	26
10	19	17	18	6	49	33
11	20	32	17	8	23	39
12	21	47	16	9	56	46
13	23	02	15	11	29	52
14	24	18	14	13	01	59
15	25	33	12	14	32	♍ 5
16	26	48	11	16	03	11
17	28	3	10	17	34	17
18	29	19	8	19	04	23
19	♎ 0	34	7	20	33	29
20	1	49	5	22	03	35
21	3	05	3	23	32	40
22	4	20	2	25	00	46
23	5	35	0	26	28	51
24	6	51	♑ 0	27	55	56
25	8	06	57	29	22	♎ 2
26	9	22	55	♐ 0	49	5
27	10	37	53	2	14	9
28	11	52	51	3	39	13
29	13	08	49	5	02	17
30	14	03	47	6	26	20
31	15	39	45	7	48	23

November 30 dayes.

New Moon the 7 day 29 min. past 6 in the morning.
First quarter the 14 day 57 min. past 4 in the morning.
Full Moon the 21 day 13 min. past 9 in the morning.
Last quarter the 30 day at 32 min. in the morning.

M D	W D	Festivals and Planets R.& Set	☉ Plac.		☽ Plac.		☽ Lat.		Ful Sea Lon.	Br
1	d	All Saints	19 ♏	11	0 ♑	50	4	22	8	35
2	e	All Souls	20	11	14	49	4	54	9	32
3	f	♄ Set 6.15 ma.	21	12	28	59	5	10	10	37
4	g	♃ Sets 5.57 ves.	22	13	13 ♎	41	5	04	11	48
5	a		23	13	28	46	4	39	12	59
6	b		24	14	13 ♏	58	3	53	2 A	09
7	C	23 past Trin.	25	15	29	11	2	51	3	12
8	d	♄ Sets 5.54 ma.	26	15	14 ♐	14	1	38	4	05
9	e		27	16	28	56	0	20	4	47
10	f		28	17	13 ♑	10	0 S	58	5	23
11	g	♃ Near the Sun	29	18	26	57	2	10	5	56
12	a	scarce visible.	0 ♐	18	10 ♒	16	3	12	6	32
13	b		1	20	23	10	4	03	7	12
14	C	24 past Trin.	2	20	5 ♓	44	4	38	7	55
15	d	♄ Sets 5.22 ma.	3	21	18	00	5	04	8	40
16	e	♂ Latet sub ra-	4	22	0 ♈	5	5	14	9	30
17	f	diis Solis.	5	23	12	2	5	09	10	23
18	g	♀ Latet sub ra-	6	24	23	54	4	52	11	19
19	a	diis Solis.	7	25	5 ♉	49	4	22	12	18
20	b		8	26	17	42	3	42	1 M	16
21	C	25 past Trin.	9	27	29	04	2	51	2	11
22	d	♄ Sets 4. 49 ma.	10	28	11 ♊	41	1	52	3	04
23	e		11	29	23	55	0	47	3	49
24	f	♂ Ris. before the	12	30	6 ♋	14	0 M	21	4	25
25	g	☉, but not seen.	13	31	18	42	1	29	4	58
26	a	♄ Sets 4.33 ma.	14	32	1 ♌	24	2	35	5	27
27	b		15	33	14	18	3	33	5	56
28	C	1 In Advent	16	34	27	29	4	20	6	29
29	d	Term ends	17	35	10 ♍	56	4	55	7	07
30	e	S. Andrew	18	36	24	40	5	15	7	55

	♄ in ♉	M	deg. 2 ′	♃ in ♐	S	deg. 0 ′	♂ in ♏	S	deg. 0 ′
1	8	05	43	21	48	10	14	07	8
6	7	42	42	22	52	9	17	37	5
11	7	19	42	23	57	9	21	08	2
16	6	58	41	25	03	8	24	40	M 1
21	6	39	40	26	11	8	28	13	4
26	6	22	39	27	19	7	1 ♐	17	7

	♀ in ♏	S	deg. 0 ′	☿ in ♐	M	deg. 2 ′
1	16	55	43	9	9	26
2	18	11	41	10	29	28
3	19	26	39	11	48	30
4	20	42	37	13	07	31
5	21	57	35	14	23	32
6	23	13	32	15	37	33
7	24	28	30	16	48	32
8	25	44	28	17	58	31
9	26	59	26	19	06	30
10	28	16	23	20	11	28
11	29	30	21	21	12	25
12	0 ♐	46	19	22	10	21
13	2	01	16	23	04	16
14	3	17	14	23	53	10
15	4	32	12	24	36	4
16	5	48	9	25	13	I 56
17	7	3	7	25	43	47
18	8	19	5	26	05	36
19	9	34	2	26	19	25
20	10	50	0	26	23	11
21	12	05	M 2	26	Re. 15	O 56
22	13	21	5	25	59	40
23	14	37	7	25	29	23
24	15	52	10	24	50	S 5
25	17	07	12	23	59	S 15
26	18	22	14	22	58	35
27	19	38	17	21	47	55
28	20	53	19	20	30	I 14
29	22	09	21	19	07	33
30	23	24	24	17	43	51

December 31 dayes.

New Moon the 6 day 12 min. past 4 in the afternoon.
First quarter the 13 day 47 m. past 3 in the afternoon.
Full Moon the 22 day 20 min. past 3 in the morning.
Last quarter the 29 day 49 min. past 11 in the morning

MD	WC	Festivals and Planets Ri.&Set	☉ Plac.	☽ Plac.	☽ Lat	Ful Sea Lon.	Br
1	f	♄ Sets 4 h. 3'. ma.	19♐38	8♎45	5 14	8	48
2	g		20 39	23 08	4 56	9	51
3	a		21 40	7♏48	4 19	11	04
4	b		22 41	22 38	3 24	12	21
5	☾	2 In Advent.	23 42	7♐29	2 14	1	A40
6	d	♄ Sets 3. 44 ma.	24 44	22 20	0 56	2	48
7	e		25 45	6♑56	0 S 27	3	43
8	f		26 46	21 10	1 42	4	26
9	g		27 47	5♒ 3	2 54	5	01
10	a		28 48	18 29	3 51	5	30
11	b		29 49	1♓29	4 35	5	58
12	☾	3 In Advent	0♑51	14 08	5 03	6	26
13	d	♄ Sets 3. 11 ma	1 52	26 26	5 17	7	02
14	e		2 53	8♈31	5 15	7	42
15	f		3 54	20 28	5 2	8	26
16	g	☿ Latet sub. sole	4 56	2♉20	4 34	9	19
17	a		5 57	14 09	3 56	10	15
18	b	♄ Sets 2. 44 ma	6 58	26 05	3 05	11	18
19	☾	4 In Advent	7 59	8♊05	2 07	12	22
20	d	♂ Rise 6. 44 ma.	9 01	20 16	1 06	1M	26
21	e	S. Thomas	10 03	2♋40	0 0	2	25
22	f	♄ Sets 2. 30 ma.	11 04	15 14	1M12	3	16
23	g	♂ Rise 6. 42 ma.	12 04	28 04	1 19	4	00
24	a		13 05	11♌09	3 20	4	33
25	b	Nat. Christ	14 07	24 24	4 11	5	03
26	☾	S. Stephen	15 08	7♍54	4 49	5	30
27	d	S. John Evan	16 09	21 33	5 12	5	59
28	e	Innocents	17 10	5♎24	5 15	6	34
29	f	♂ Rise 6. 39 ma.	18 12	20 24	5 02	7	16
30	g	☿ Sets 4. 54 ves.	19 13	3♍32	4 32	8	10
31	a	☿ Rise 6. 43 ma.	20 14	17 49	3 42	9	13

	♄ in ♉ M		deg. 2 ′	♆ in ♐ S		deg. 0 ′	♂ in ♐ M		deg. 0 ′
1	6	06	37	28	27	7	5	25	10
6	5	54	36	29	36	6	9	02	13
11	5	43	35	0 ♑	45	6	12	39	17
16	5	36	33	1	55	5	16	19	20
21	5	30	32	3	04	5	19	59	23
26	5	28	30	4	13	4	23	40	26

	♀ in ♐ M		deg. 0 ′	☿ in ♐ S		deg. 2 ′
1	24	41	26	16	19	7
2	25	56	28	15	00	21
3	27	12	31	13	47	32
4	28	27	33	12	42	42
5	29	43	35	11	47	48
6	0 ♑	59	37	11	02	53
7	2	13	39	10	30	55
8	3	30	42	10	07	56
9	4	45	44	9	57	55
10	6	01	46	9	56	52
11	7	16	48	10 Dr.	4	48
12	8	32	50	10	22	43
13	9	47	52	10	47	37
14	11	03	54	11	19	31
15	12	18	56	11	57	24
16	13	34	58	12	43	16
17	14	49	59	13	32	8
18	16	05	1 1	14	25	0
19	17	20	3	15	23	1 51
20	18	36	5	16	25	43
21	19	51	6	17	30	34
22	21	07	8	18	37	25
23	22	22	10	19	46	17
24	23	38	11	20	58	8
25	24	53	12	22	11	0 59
26	26	08	14	23	26	51
27	27	24	15	24	44	42
28	28	39	17	26	02	33
29	29	55	18	27	22	25
30	1 ♒	10	19	28	42	17
31	2	25	20	0 ♑	04	9

☽ Eclipsed in the Morning.

Explanation of the following Tables, beſides the top ſpace for break of Day, for every fifth Day.

TO every Month belongs four Columns: *The firſt* is common to the other three, being the Dayes of the Month.

The ſecond is the ☉ riſing for each day, and taking that from twelve hours, it gives the ſetting; for the ☉ will riſe ſo much before or after ſix, as he ſhall ſet after or before ſix.

Double the ☉ ſetting, it is the length of the day.

Double the ☉ riſing, it is the length of the night.

The third Column gives the Time when the ☽ comes to be truly South in the Meridian of *London*, having reſpect to her Latitude: M ſignifies Morning and A Afternoon.

The fourth gives the ☽ riſing and ſetting, her Latitude and Motion conſidered, which was a painful Calculation, and not done before, no not by *Wing* when living. Here may be found the Reaſon of the *Hunters* or *Harveſt* Moon, which is the next full ☽ preceding the Autumnal Equinox, when ſhe riſeth for a Week together, betwixt ſix and ſeven a Clock, or there abouts, cauſed by the Obliquity of the Ecliptick, as you will find in *Auguſt* 24th day when the ☽ riſeth before ſix, and the laſt day but one at ſeven a Clock, and 50 minutes.

January.

Day-Break.

1 day 5 h. 52′. 6 d. 5 h. 48′. 11 d. 5 h. 43′. 16 d 5 h. 37′. 21 d. 5 h. 30′. 26 d. 5 h 22′.

	☉ Rise	☽ Southing	☽ Rise and Set	
1	8 01	11 42	☽ Rise	
2	8 00	12 37	5	12
3	7 59	1M29	6	36
4	7 58	2 18	7	59
5	7 56	3 08	9	22
6	7 55	3 55	10	46
7	7 54	4 44	12	15
8	7 53	5 33	Mor	15
9	7 51	6 22	1	40
10	7 49	7 17	3	00
11	7 48	8 11	4	12
12	7 47	9 07	5	19
13	7 45	10 01	6	22
14	7 44	10 52	6	52
15	7 42	11 40	☽	Sets
16	7 41	12 26	5	23
17	7 39	1A 09	6	37
18	7 37	1 49	7	45
19	7 35	2 28	8	52
20	7 34	3 07	10	00
21	7 32	3 47	11	10
22	7 30	4 28	12	17
23	7 28	5 11	Mor	17
24	7 27	5 56	1	29
25	7 25	6 44	2	37
26	7 23	7 36	3	45
27	7 22	8 29	4	43
28	7 20	9 24	5	30
29	7 18	10 18	6	05
30	7 16	11 13	6	41
31	7 14	12 5	7	28

Febzuary.

Day-Break.

1 day 5 h. 13′. 6 d. 5 h. 5′. 11 d 4 h. 57′. 16 d. 4 h. 47′. 21 d. 4 h. 37′. 26 d. 4 h. 27′.

	☉ Rise	☽ Southing	☽ Rise and Set	
1	7 12	0M58	☽	Rise
2	7 11	1 46	8	25
3	7 09	2 37	9	57
4	7 07	3 29	11	20
5	7 05	4 21	12	45
6	7 03	5 14	Mor.	45
7	7 01	6 09	2	07
8	6 59	7 03	3	29
9	6 57	7 54	4	46
10	6 55	8 50	5	01
11	6 54	9 38	5	27
12	6 52	10 25	5	49
13	6 50	11 09	6	07
14	6 48	11 50	☽	Sets
15	6 46	12 30	6	40
16	6 44	1A 09	7	40
17	6 42	1 48	8	56
18	6 40	2 30	10	07
19	6 38	3 12	11	19
20	6 36	3 57	12	27
21	6 34	4 39	Mor	27
22	6 32	5 31	1	38
23	6 30	6 25	2	40
24	6 28	7 18	3	45
25	6 26	8 12	4	13
26	6 24	9 06	4	41
27	6 22	10 01	5	02
28	6 20	10 50	5	24

March.

Day-Break.

1 day 4 h. 21′. 6 d. 4 h. 9′. 11 d. 3 h. 58′. 16 d. 3 h. 46′. 21 d. 3 h. 34′. 26 d. 3 h. 22′.

	☉ Rise		☽ Southing		☽ Rise and Set	
1	6	18	11	41	☽ Rise	
2	6	16	12	33	7	28
3	6	14	1M	27	8	58
4	6	12	2	21	10	29
5	6	10	3	15	11	56
6	6	08	4	11	12	15
7	6	06	5	08	1M	15
8	6	04	6	04	2	12
9	6	02	6	57	3	04
10	6	00	7	47	3	36
11	5	58	8	35	4	00
12	5	56	9	17	4	16
13	5	54	9	58	4	34
14	5	52	10	38	4	47
15	5	50	11	18	☽ Set	
16	5	48	11	58	6	52
17	5	46	12	39	8	08
18	5	44	1A	21	9	12
19	5	42	2	05	10	28
20	5	40	2	51	11	36
21	5	38	3	41	12	34
22	5	36	4	32	Mor	34
23	5	34	5	23	1	36
24	5	32	6	15	2	22
25	5	30	7	07	2	42
26	5	28	7	59	3	16
27	5	26	8	49	3	42
28	5	24	9	39	3	58
29	5	22	10	29	4	15
30	5	20	11	21	4	36
31	5	18	12	16	4	58

April.

Day-Break.

1 day 3 h. 5′. 6 d. 2 h. 51′. 11 d. 2 h. 37′. 16 d. 2 h. 21′. 21 d. 2 h. 13′. 26 d. 1 h. 47′.

	☉ Rise		☽ Southing		☽ Rise and Set	
1	5	16	1M	12	☽ Rise	
2	5	14	2	09	10	55
3	5	12	3	09	12	11
4	5	11	4	07	Mor	11
5	5	09	5	01	1	09
6	5	07	5	54	1	50
7	5	05	6	42	2	10
8	5	03	7	26	2	34
9	5	01	8	07	2	46
10	5	00	8	48	3	06
11	4	58	9	28	3	20
12	4	57	10	07	3	34
13	4	55	10	47	3	45
14	4	53	11	30	☽ Sets	
15	4	51	12	14	8	23
16	4	49	1A	00	9	38
17	4	47	1	47	10	36
18	4	46	2	39	11	33
19	4	44	3	30	12	21
20	4	42	4	21	Mor	21
21	4	40	5	13	1	06
22	4	38	6	02	1	24
23	4	36	6	50	2	44
24	4	35	7	36	2	05
25	4	33	8	26	2	25
26	4	31	9	16	2	36
27	4	30	10	08	2	54
28	4	28	11	03	3	16
29	4	26	11	57	3	43
30	4	24	1Mo	51	4	17

May.

Day-Break.

1 day 1 h. 25′. 6 d. 0 h. 58′. All the rest day.

	☉ Rise		☽ Southing		☽ Rise and Set	
1	4	23	2	00	☽	Rise
2	4	21	2	58	11	44
3	4	20	3	52	12	17
4	4	18	4	43	Mor	17
5	4	17	5	29	0	36
6	4	16	6	12	0	56
7	4	15	6	51	1	15
8	4	13	7	30	1	27
9	4	12	8	11	1	43
10	4	11	8	51	1	54
11	4	09	9	32	2	09
12	4	08	10	15	2	28
13	4	07	11	00	2	46
14	4	06	11	49	☽	Sets
15	4	04	12	39	9	32
16	4	03	1A	30	10	16
17	4	02	2	22	10	54
18	4	01	3	13	11	20
19	4	00	4	03	11	40
20	3	59	4	51	12	04
21	3	58	5	38	Mor	04
22	3	57	6	24	0	22
23	3	56	7	12	0	42
24	3	55	8	01	0	58
25	3	54	8	52	1	18
26	3	54	9	47	1	42
27	3	53	10	44	2	16
28	3	53	11	44	☽	Rise
29	3	52	12	44	9	29
30	3	52	1M	40	10	08
31	3	51	2	32	10	45

June.

All Day.

	☉ Rise		☽ Southing		☽ Rise and Set	
1	3	50	3	21	☽	Rise
2	3	50	4	07	11	16
3	3	49	4	49	11	32
4	3	49	5	28	11	42
5	3	49	6	08	11	56
6	3	48	6	47	12	13
7	3	48	7	27	Mor	13
8	3	48	8	09	0	36
9	3	48	8	53	0	48
10	3	48	9	41	1	08
11	3	47	10	30	1	43
12	3	48	11	22	☽	Sets
13	3	48	12	15	8	42
14	3	48	1A	07	9	20
15	3	48	1	58	9	54
16	3	48	2	47	10	18
17	3	49	3	34	10	27
18	3	49	4	20	10	40
19	3	49	5	08	11	08
20	3	49	5	56	11	19
21	3	50	6	45	11	40
22	3	50	7	37	12	01
23	3	51	8	32	Mor	01
24	3	52	9	29	0	39
25	3	52	10	27	1	30
26	3	53	11	25	☽	Rise
27	3	53	12	19	8	28
28	3	54	1M	09	8	54
29	3	55	1	56	9	13
30	3	56	2	40	9	30

July.

Day-Break.

1, 6, 11. Dayes, all Day. 16 d. 0 h. 52′. 21 d. 1 h. 20′. 26 d. 2 h. 42′.

	☉ Rise		☽ Southing		☽ Rise and Set	
1	3	57	3	22	☽	Rise
2	3	58	4	02	9	58
3	3	59	4	42	10	12
4	4	00	5	22	10	29
5	4	01	6	03	10	47
6	4	02	6	46	11	13
7	4	03	7	31	11	38
8	4	04	8	21	12	14
9	4	05	9	11	Mor	14
10	4	06	10	04	1	12
11	4	07	10	57	1	44
12	4	08	11	49	☽	Sets
13	4	09	12	41	8	13
14	4	11	1A	30	8	34
15	4	12	2	19	8	50
16	4	14	3	06	9	05
17	4	15	3	54	9	27
18	4	17	4	43	9	42
19	4	18	5	34	10	03
20	4	20	6	28	10	43
21	4	21	7	24	11	29
22	4	23	8	20	12	21
23	4	24	9	16	Mor	21
24	4	26	10	11	1	30
25	4	28	11	03	2	52
26	4	30	11	51	☽	Rise
27	4	31	12	37	7	40
28	4	33	1M	19	7	54
29	4	35	2	00	8	03
30	4	36	2	40	8	21
31	4	38	3	21	8	35

August.

Day-Break.

1 d. 2 h. 3′. 6 d. 2 h. 20′. 11 d. 2 h. 35′. 16 d. 2 h. 56′. 21 d. 3 h. 17′. 26 d. 3 h. 17′.

	☉ Rise		☽ Southing.		☽ Rise and Set	
1	4	39	4	02	☽	Rise
2	4	41	4	44	9	18
3	4	43	5	29	9	41
4	4	45	6	17	10	18
5	4	47	7	07	11	04
6	4	48	7	57	12	02
7	4	50	8	49	Mor	02
8	4	52	9	42	1	14
9	4	53	10	34	2	29
10	4	55	11	25	☽	Sets
11	4	57	12	14	7	00
12	4	59	1A	04	7	17
13	5	00	1	55	7	31
14	5	02	2	45	7	51
15	5	04	3	38	8	23
16	5	06	4	32	8	51
17	5	08	5	28	9	32
18	5	10	6	25	9	55
19	5	12	7	21	11	28
20	5	14	8	16	12	37
21	5	16	9	07	Mor	37
22	5	18	9	56	2	02
23	5	20	10	43	3	14
24	5	22	11	24	☽	Rise
25	5	24	12	05	6	11
26	5	26	12	46	6	34
27	5	28	1M	27	6	49
28	5	30	2	09	7	06
29	5	32	2	52	7	28
30	5	34	3	36	7	50
31	5	37	4	22	8	24

September.

Day-Break.

1 d. 3 h. 33′. 6 d. 3 h. 46′. 11 d. 3 h. 57′. 16 d. 4 h. 08′. 21 d. 4 h. 19′. 26 d. 4 h. 29′.

	☉ Rise	☽ Southing	☽ Rise and Set
1	5 37	5 10	☽ Rise
2	5 39	5 59	10 03
3	5 41	6 51	10 57
4	5 43	7 42	12 17
5	5 45	8 33	Mor 17
6	5 47	9 24	1 37
7	5 49	10 14	2 58
8	5 51	11 04	4 22
9	5 53	11 54	☽ Sets
10	5 55	12 46	6 06
11	5 57	1A 40	6 30
12	5 58	2 36	6 58
13	6 00	3 34	7 36
14	6 02	4 32	8 28
15	6 04	5 30	9 27
16	6 06	6 25	10 39
17	6 08	7 17	11 53
18	6 10	8 06	13 11
19	6 12	8 52	1M11
20	6 14	9 35	2 24
21	6 16	10 17	3 37
22	6 18	10 57	4 55
23	6 20	11 38	☽ Rise
24	6 22	12 19	5 21
25	6 24	1Mo2	5 44
26	6 26	1 46	6 05
27	6 28	2 32	6 36
28	6 30	3 19	7 15
29	6 32	4 07	7 55
30	6 34	4 57	8 56

October.

Day-Break.

1 d. 4 h. 40′. 6 d. 4 h. 50′. 11 d. 4 h. 59′. 16 d. 5 h. 05′. 21 d. 5 h. 15′. 26 d. 5 h. 23′.

	☉ Rise	☽ Southing.	☽ Rise and Set
1	6 36	5 47	☽ Rise
2	6 38	6 36	11 24
3	6 40	7 25	12 42
4	6 42	8 14	Mor 42
5	6 44	9 02	2 02
6	6 46	9 51	3 25
7	6 48	10 41	4 51
8	6 50	11 35	6 22
9	6 52	12 31	☽ Sets
10	6 54	1A 31	5 41
11	6 56	2 30	6 30
12	6 57	3 30	7 29
13	6 59	4 28	8 39
14	7 01	5 22	9 55
15	7 03	6 13	11 11
16	7 05	7 00	12 24
17	7 07	7 43	Mor.24
18	7 09	8 24	1 34
19	7 11	9 05	2 45
20	7 13	9 45	3 53
21	7 14	10 26	5 01
22	7 16	11 08	6 09
23	7 18	11 51	☽ Rise
24	7 20	12 36	4 44
25	7 22	1M22	5 19
26	7 23	2 10	6 05
27	7 25	3 00	7 01
28	7 27	3 50	8 03
29	7 28	4 39	9 13
30	7 30	5 27	10 28
31	7 32	6 13	11 47

November.

Day-Break.

1 day 5 h. 33′. 6 d. 5 h. 38′. 11 d. 5 h. 45′. 16 d. 5 h. 49′. 21 d. 5 h. 53′. 26 d. 5 h. 56′.

	☉ Rise		☽ Southing		☽ Rise and Set	
1	7	34	6	59	13	04
2	7	35	7	45	1	M04
3	7	37	8	33	2	24
4	7	39	9	24	3	47
5	7	40	10	17	5	13
6	7	41	11	14	6	41
7	7	43	12	14	☽	Sets
8	7	44	1	A15	5	05
9	7	46	2	15	6	17
10	7	47	3	13	7	34
11	7	48	4	06	8	52
12	7	50	4	55	10	10
13	7	52	5	41	11	20
14	7	53	6	22	12	30
15	7	54	7	03	Mor	30
16	7	55	7	43	1	38
17	7	56	8	23	2	46
18	7	58	9	02	3	54
19	7	59	9	46	5	01
20	8	00	10	30	6	07
21	8	01	11	16	7	12
22	8	02	12	04	☽	Rise
23	8	03	12	54	4	49
24	8	04	1	M44	5	49
25	8	05	2	32	6	56
26	8	06	3	21	8	11
27	8	07	4	07	9	26
28	8	07	4	51	10	41
29	8	08	5	36	11	58
30	8	08	6	23	13	07

December.

Day Break.

1 day 5 h. 58′. 6 d. 6 h. 1′. 11 d. 6 h. 2′. 16 d. 6 h. 1′. 21 d. 5 h. 59′. 26 d. 5 h. 56′.

	☉ Rise		☽ Southing		☽ Rise and Set	
1	8	09	7	10	☽	Rise
2	8	09	7	59	2	36
3	8	10	8	52	4	02
4	8	10	9	49	5	27
5	8	11	10	49	6	47
6	8	12	11	49	7	52
7	8	12	12	48	☽	Sets
8	8	12	1	A45	6	09
9	8	12	2	37	7	32
10	8	12	3	25	8	52
11	8	12	4	09	10	04
12	8	12	4	50	11	14
13	8	12	5	30	12	21
14	8	12	6	11	Mor	21
15	8	12	6	51	1	28
16	8	12	7	35	2	36
17	8	11	8	17	3	41
18	8	11	9	02	4	47
19	8	10	9	40	5	49
20	8	10	10	28	6	45
21	8	09	11	28	☽	Rise
22	8	09	12	18	4	31
23	8	08	1	M07	5	43
24	8	08	1	54	7	00
25	8	07	2	40	8	17
26	8	07	3	25	9	34
27	8	06	4	11	10	52
28	8	05	4	58	12	10
29	8	04	5	46	Mor	10
30	8	03	6	26	1	31
31	8	02	7	30	2	54

The Eclipſes of the Luminaries to be obſerved in this year 1675.

THere will be four Eclipſes all viſible at *London*, three of the ☽, and one of the ☉ this year; which begins with the firſt of the ☽, a total one, and therefore more worthy of Obſervation, becauſe the ☽ Center paſſeth near to the Center of the ſhadow of the Earth, *viz.* the firſt of *January*, a little after ☉ ſet, or rather in the beginning of the Night. The ☉ ſets 2 h. 59′. The mean defect (after the *Tables* of Mr. *Flamſted*, grounded upon the Horroccian Theory) will be at 7 h. 23′. 46″. afternoon, the Equation of time 3′. 46″. ſub. therefore the Apparent time of the mean Oppoſition 7 h. 20′. at which time the ☉ true place ♑ 21°. 48′. 51″. ☽ mean Motion 3ˢ. 26°. 17′. 24′. the mean Motion of the Apogeum 11ˢ. 29°. 6′. 26″. Argument Anuum 9ˢ. 22°. 42′. 25″. Equation of Ap. Sub. 9°. 38′. 22′. True place of Apog. 11ˢ. 19°. 28′. 4″. The ☽ mean Anom. 4ˢ. 6°. 49′. 20″. Equation ſub. 4°. 28′. 33″. The place in the Orbite 3ˢ. 21°. 48′. 51″. ♋ true place 9ˢ. 20°. 15′. 5″. Argument of Lat. 6ˢ. 1°. 33′. 46′. Lat. ☽ South 8′. 11″. The ☽ Horizontal Paralax 59′. 37″. ☉ 10″. Z. 59′. 47″. ☉ ſemidiameter 16′. 22″. The ſemidiameter of the ſhadow 43′. 25″. ☽ ſemid. Hor. 13′. 56″. The ſumm 59′. 21″. ſcruples of Incidence 58′. 47″. 6. Digits obſcured 42′. 40″. ſcruples of half the ſtay 26′. 16″½. ☽ Horary Motion 35′. 30″. ☉ Hourly Motion 2′. 33″. The Hourly Motion of ☽ from ☉ 32′. 57″. The time Incidence 1 h. 47′. 2″. The time from 6 Digits obſcured 1 h. 17′. 42″. Time of the half ſtay 0 h. 47′. 50″. Reduce 21″. Time reduc'd 38″.

Therefore

Therefore the first of *January*.

	h.	′	″
The Beginning of the Eclipse at *London*	5	32	58
Six Digits obscured	6	2	18
The Immersion	6	32	10
The middle of the Eclipse	7	20	0
Opposition in the Ecliptick	7	20	38
The Emersion	8	7	50
Six Digits recovered	8	37	42
The end 9 h. 7′. 2″. The total stay in darkness	2	35	24
The total Duration	3	34	4

The second Eclipse will be of the ☉, the 13th of *June* in the Morning, the ☉ Ascending our Horizon at *London* eclipsed. The true rising of the ☉ is 3 *h.* 47½′ and because of Refraction 3 h. 43′. wherefore I begin the Calculation from 15 h. 44′. 40″. from the Meridian of the 12th day, the Physical Equation of time 48″. sub. the mean time 15 h. 43′. 53″. To which time the ☉ true place ♋ 1°. 31′. 36″. ☽ in the Eclip. ♋ 0°. 39′. 14′. The Latitude North Descendent 0°. 57′. 54″. ☉ right Ascension 91°. 39′. The time 15 h. 44′. 40″. is 236°. 10′. Mid-heaven 327. 49. *Medium Cœli*, ♒ 25°. 33′. The Declination of Mid-heaven 13°. 2′. its height 25°. 26′. The Horoscope ♋ 0°. 55′. Mid-heaven from Horoscope 54°. 38′. The East-angle of the Ecliptick 31°. 47′. Therefore so long as the ☉ is in the Horizon, it will scarce be visible, unless the Refraction help. The ☽ Horizont. Paralax 55′. 45″. ☉ 10″. The ☽ from ☉ 55′. 35″. in Longitude 29′. 16″. in Latitude 47′. 15″. Therefore the ☽ seen in ♋ 1°. 8′. 30″. before the ☉ 23′. 6″. with North, Lat. 10′. 39″. The Angle of Position ☉, ☽ E. 24°. 45′. 0″. The distance of the Centers 25′. 26″. ☉ semidiameter 15′. 50″. ☽ 15′. 14″. summ 31′. 04″. Parts deficient 5′. 38″. Therefore the Digits 2.2′.

The ☉ rising Eliptical by reason of the Refraction, the superior Limb will seem less than the lower, and so the obscured Arch will not shew perfectly spherical, but

Eliptical

Eliptical, which the Phenomon it self will best shew.

From the fore-going Calculation I conjecture the greatest obscuration from the Meridian of the 12th d. 16 h. 26′. to which time I find the true Place of the ☉, ♋ 1°. 33′. 0 of the ☽, ♋ 1°. 1′. 30″. her Latitude 0. 55′. 10″. Therefore the ☉ right Ascension is 91°. 42′. the right Ascension of the time 246°. 30′. of Mid-heaven 338°. 12′. Mid-heaven it self, ♓ 6°. 26′. Declination *North* 9°. 10′. Altitude at *London* 29°. 18′. The Horoscope ♋ 9°. 52′. Distance of Mid-heaven from the Horoscope 56. 34′. East-angle of the Ecliptick 35. 54′. ☽ distance from the Horoscope 8. 51′. East-angle ☽ 41. 53′. The height of the ☽ Center 5°. 34′. Azimuth from the Horoscope 6. 37′. The Paralactick Angle 54°. 22′. The Paralax ☽ from ☉ in Altitude 55′. 22″. in Longitude 32′. 15″. in Latitude 45′ 0. Therefore ☽ will be seen in ♋ 1°. 33′. 45″. in consequence of ☉ 0′. 29″. with *North* Latitude 10′. 10″. The part eclipsed 20′. 54″. Digits eclipsed 7 55′. Out of which computation I conjecture the end of the Eclipse to be at 17 h. 19′. But lest any mistake might follow, I calculate the Motions to this time, and find 1675, 13th of *June* in the morning, or the 12 d. 17 h. 19′. The ☉ true place ♋ 1°. 35′. 3″. ☽ place in the Ecliptick ♋ 1°. 30′. 34″. true Lat. *North* 5′. 28″. Hence the ☉ right Ascension 91°. 44′. of time 259°. 45′. of Mid-heaven 351°. 29′. Mid-heaven ♓ 20°. 44′. its Declination *South* 3°. 41′. Height of Mid-heaven 34°. 47′. Horoscope ♋ 20°. 19′. Mid-heaven from the Horoscope 60°. 25′. Height of the Nonagesimal degree 41°. 0′ ☽ from the Horoscope 18°. 49′. ☽ East-angle 43°. 46′. Altitude of the ☽ Center 12°. 52′. Azimuth from the Horoscope 14°. 15′. The Paralactick angle 50°. 31′. ☽ Paralax in Altitude 54′ 22″. in Longitude 34′. 34″. in Latitude 41′ 58″. Therefore the ☽ in ♋ 2°. 5′. 8″. in consequence of the ☉ 30. 5″. with *North* Latitude 11′. 30″. distance of the Center 32′. 33″. Therefore the distance of the limbs or parts free 1. 27″. the visual Motion at hour 0. 53′. is 29′. 36′. variation of Latitude 1′. 20″. the Angle of the visual way of the ☽ and Ecliptick 2°. 52′. 20″. the Latitude of the ☽ at the

visible Conjunction 10′. 9″. the Angle of Position at the end 21. 52′. 15′. the Motion from 16 h. 26′. to the end 28′. 56″ the Time 51′. 49″. Therefore the end 17 h. 17′. 49″. afternoon: so in this Eclipse.

	h.	′	″	
At hour	3	44	40	☉ rising eclipsed $2\frac{1}{30}$ Digits.
	4	24	13	greatest Darkness 7. 55′. Digits.
	4	25	6	visible Conjunction.
	5	17	49	the end 73°. from the Nadir Eastward
	1	33	09	Duration above the Horizon.

The third is a total Eclipse of the Moon upon the 27th day of *June* in the morning, or upon the 26th day after mid-night, the Calculation (omitted for want of room) makes the time at *London*.

	h.	′	″
The Beginning	13	48	50
Six Digits obscured	14	21	29
The Immersion	14	58	46
The middle	15	32	24
Opposition in the Ecliptick	15	34	06
The Emersion	16	6	2
Six Digits recovered	16	43	19
The end	17	15	58
Stay in Darkness	1	07	16
Total Duration	3	27	08

The ☉ riseth at 3 h. 53′. in the morning, or 15 h. 52′. afternoon of the Day precedent, the ☽ then totally Eclipsed; so that the increasing Phases will be seen.

The fourth and last Eclipse of the ☽ being partial, will be on the 22. of *December* at two a clock in the morning, or upon the 21 at 14 h. afternoon, and according to Calculation.

	h.	′	″
The beginning will be	14	26	3
The middle	15	21	59
Opposition in the Ecliptick	15	26	14
The end	16	17	55
Duration	1	51	52
Digits eclipsed	2 digits 51′.		

Mr. *Flamsted* suspects that the Defects may be one minute more, because Mr. *Horrox* has placed the Node six minutes too slow, which the curious Observer may please to note down.

Lunæ

Lunæ ad *Fixas Appulſus* celebriores *Londini Angliæ* Anno 1675. obſervabiles, ab Ephemeride *Johannis Heckeri* deducti & ſupputati.

1675.

January 2. *Veſperi Luna teget* 12 ♋ *cujus locus* ☊ 7°. 50'. *latitudo* 1. 54 *Auſt. eritque.*

h. ′

Occultatio-- 8 59 } *Lat.* ✶ *Centro* ☽ $3\frac{1}{3}$ B.
Retectio---- 10 01 }

7. 13 h. 34'. ☽ *in* ♎ 21°. 37'. *lat.* 5°. 15'. *ſtellæ* 6°. 16'. *Auſt. horoſcopus* ♏ $7\frac{1}{3}$ *ergo* ☽ *oriens præcedit fixam ſemigradum fere.*

17. 5 h. 40'. ☽ *in* ♒ 28°. 47'. *latitudo* 3°. 14'. *fixa* : 2°. 46'. *Bor. Nonageſimus* ♉ 21°. 50'. *altitud. ejus* 55. *parallaxis Lunæ in longitudine* 46'. *in latitudine* 33'. *ergo deſcendente* ☽, *Limbus ejus orientalis, quartam gradus partem in antecedentia fixæ conſpicietur.*

23. 12. 16. *Luna in* ♉ 13°. 59'. *lat.* 4°. 50'. *fixa* 4°. 08'. *Bor. horoſ.* ♏ 5. 40. *Luna ergo deſcendens appropinquat fixæ quam ſub occaſu corpore forſan præſtet ſubtegere.* am

29. *Veſperi Lunæ limbus ſuprenus teget* 11. ♋ *cujus*

h. ′

Occultatio--4 54 } *Lat.* ✶ *a Centro* ☽ 14. *Bor.*
Emerſio --- 5 16 }

30. *Paulo ante mediam noctem Luna ſubripiet* 12. ☊ *quam.*

h. ′

Abſcondet-11 50 } *Lat.* ✶ *a Cent.* ☽ 0°. 15'. *A.*
Deteget---- 12 09 }

Febru. 3. *Hora* 4 h. 43'. *manè* ☽ *in* ♍ 19°. 50'. *latitudo* 4°. 30'. *fixæ* 5. 41. *Auſt. horoſcopus* ♈ $3\frac{1}{4}$ *ergo hora circiter* $5\frac{1}{3}$ *Lunæ limbus Auſtrinus exiguum aliquid ſupra fixam tranſibit.*

Febru. 26. *Veſperi abſcondet Luna undecimam* ♋ *cujus erit.* h. ′

Occultatio- 5 59 } *Lat.* ✳ *a Cent.* ☽ 0.11′.B.
Emerſio--- 6 47 }

27. 11 h. 20′. ☽ *in* ♌ 24°. 48′. *lat.* 2°. 59′. *fixæ* 3°. 55′. *Auſt. horoſcopus* ♎ 29$\frac{1}{3}$ *ergo* ☽ *circa hor.* 10$\frac{1}{3}$ *in eadem longitudine cum fixa conſpiciendæ limbus Auſtrinus ab ea diſtabit* 7′. *circiter.*

Mart. 6. 5 h. 37′. *manè,* ☽ *in* ♏ 28. 27. *lat.* 3°. 52′. *fixæ* 5. 22. *Auſt. oriente* ♓ 8 *gr. ergo paulo poſtea Lunæ inferior limbus tranſit* 16′. *circiter ſupra fixam.*

11. 4 h. 02′. *manè Luna in* ♒ 3°. 08′. *lat.* 1°. 20′. *fixæ* 0°. 15′ *Bor. horoſ.* ♒ 3 *gr. Luna ergo recens orta ſtellam deſervit quam ſub horizonte texerat.*

Aprilis 29. 13 h. 30′. *Luna in* ♏ 28°. 27′. *lat.* 3. 37. *fixa* 5°. 22′. *horoſ.* ♒ 15$\frac{1}{4}$ *ergo Lunæ limbus Auſtrinus paulo ante tranſierat* 35′. *ſupra fixam.*

May 24. *Paulo ante mediam noctem Luna teget* 39 *virginis cujus.* h. ′

*Immerſio---*11 13 } *Lat.* ✳ *a Cent.* ☽ 0°.08′.A
*Emerſio----*12 11 }

Junii 3. 3 h. 26′. *manè* ☽ *in* ♒ 28°. 47′. *lat.* 3°. 53′. *fixæ* 2°. 46′. *Bor. horoſ.* ♊ 16°. *ergo horæ circiter* 3$\frac{3}{4}$ h. *verſante Luna in eadem viſibili longitudine cum fixa, limbus ejus Auſtrinus adeo ſupra ipſam tranſibit ut tantum non tegat: ſaltem ſi numeris fidendum eſt.*

5. 1 h. 29′. *manè Luna in* ♓ 22°. 07′. *lat.* 5°. 00′. *fixæ* 3°. 27′. *Bor. horoſ.* ♉ 5°$\frac{1}{2}$ *ergo hora* 1. *Lunæ eandem cum fixa longitudinem aſſecutæ, limbus Auſtrinus ab ea diſtabit* 22′. *circiter.*

Junii

Junii 16. 7 h. 47'. *Luna in* ☊ 19°. 42'. *lat.* 3°. 15'. *fixæ* 3°. 47'. *Auſt. horoſcopus* ♐ 29. *ergo hora* 8. 45. *Luna eandem cum fixa longitudinem conſequetur & limbus ejus Boreus infra eam tranſibit tantummodo* 2'.

Julii 6. 12 h. 58'. *Luna in* ♉ 17°. 26'. *latitudo* 4°. 14'. *fixæ* 2°. 50'. *horoſ.* ♊ 13. *ergo hora* $12\frac{1}{2}$ *Lunæ in eadem cum fixa longitudine limbus Auſtrinus ab ea diſtat.* 16'.

27. 2 h. 54'. *manè, Luna in* ♒ 19°. 16'. *lat.* 3°. 12'. *fixæ* 2°. 22'. *Bor. oritur* ♋ 26. *Ergo paulo ante Solis ortum, Luna ſubripiet fixam in auſtrino limbo, paulo etiam ante occaſum ſuum.*

Auguſt. 3. 2 h. 01'. *manè, Luna in* ♉ 13°. 59'. *lat.* 4°. 22'. *fixæ* 4°. 08'. *Bor. punctum oriens* ♋ $21\frac{1}{3}$° *ergo hora* $1\frac{1}{3}$ h. *limbus Lunæ in eadem cum fixa longitudine verſantis ab ea diſtabit* 15'.

25. 7 h. 58'. ☽ *in* ♓ 18°. 23'. *lat.* 4°. 44'. *fixæ* 4°. 27'. *Bor. horoſcopus* ♉ 00. *ergo hora* 7 h. 34'. *limbus Lunæ Boreus fixæ ſecundum longitudinem conjunctæ ab ea diſtabit* 23'.

26. 1 h. 22'. *manè Luna in* ♓ 22°. 07'. *lat.* 4°. 51'. *fixæ* 3. 27. *Bor. horoſcopus* ☊ $1\frac{1}{3}$ *ergo hora circiter* 2 h. 40'. *Luna fixæ locum aſſequetur è qua limbus ejus Auſtrinus removebitur* 28'.

Septemb. 20. 10 h. 24'. *Luna in* ♓ 4. 54. *latitudo* 4°. 15'. *fixæ* 4°. 08'. *horoſcopus* ♋ $13\frac{2}{3}$ *ergo hora* $11\frac{1}{4}$ *eandem cum fixa longitudinem, fixa aſſequetur è qua diſtabit limbus Auſtrinus ejus* 18'.

Septemb. 26. *Vesperi ipsa teget* 10. *Arietis, contactionis erit*

h. ′
Initium-- 9 56 } *Lat.* ✶ *a Cent.* ☽ 0. 11′. A.
Finis ----10 41 }

Octob. 4. 5 h. 02′. *manè* ☽ *in* ♉ 17°. 26′. *latitudo* 3°. 39′. *fixæ* 2°. 50′. *Bor. horoscopus* ♎ .16⅔ *ergo hora* 6⅓ *interstitium inter fixam & limbum Lunæ, eandem longitudinem obtinentis inferiorem, haud majus scrupulis* 3′.

Novemb. 27. *Manè, Luna teget* 33. *Leonis, cujus*

h. ′
Occultatio-- 1 38 } *Lat.* ✶ *a Cent.* ☽ 0°. 02′. B.
Retectio--- 2 42 }

Decemb. 11. *Vesperi Abscondet Luna* 22. ♒ *cujus sub ea*

h. ′
Ingressus-- 7 15 } *Lat.* ✶ *a Cent.* ☽ 0°. 02′. B.
Egressus---8 23 }

12. 8 h. 18′. ☽ *in* ♓ 18°. 23′. *latitudo* 5°. 11′. *fixæ* 4°. 27′. *horoscopus* ♌ 20°. *hora ergo* 9 h. 50′. *limbus Lunæ Australinus in eadem cum fixa longitudine sitæ distabit ab ea uno vel altero scrupulo vix credo subteget eam.*

Decemb. 17. 6 h. 36′. *Luna in* ♉ 17°. 26′. *latitudo* 3°. 46′. *fixæ* 2°. 50′. *Borea. horoscopus* ♌ 17, *parallaxis latitudinis* 35′. *ergo Lunæ in nonagesimo cum fixa sitæ limbus Australinus ab ea distat* 6′.

24. 11 h. 37′. ☽ *in* ♌ 17°. 34°. *latitudo* 3°. 45′. *fixæ* 4. 48. *Austr. horoscopus* ♎ 7. *ergo hora* 10 h. 30. *Lunæ in eadem cum ea apparituræ limbus Australinus à fixa distabit* 18 *scrupulos.*

Reliquorum

Reliquorum quinque Planetarum ad fixas appulſus Anno 1675. *Londini* obſervabiles, ab iiſdem Ephemeridibus derivati.

1675 Menſis dies	hor.	Loci Plan. p. S. g. ′	Lat. Planet. o. ′	Longit. Plan. â fixis ′	Latitud. a fixis o. ′
Jan. 2	7 M	☿ ♐ 28 41	1 56 B	2 A 4 ♐	0 31 A
5	6 V	♂ ♉ 18 47	1 54 B	5 A 11 ♈	0 42 A
21	6 V	♂ ♉ 28 42	1 56 B	10 A 22 ♉	0 44 A
Feb. 11	6 V	♂ ♊ 3 48	1 54 B	8 A 22 ♉	0 50 A
16	6 M	♃ ♐ 17 23	0 38 B	2 A 28 Ophiuc.	0 18 B
24	6 M	♃ ♐ 18 13	0 38 B	1 A 29 Ophiuc.	0 09 B
26	4 M	♄ ♉ 10 25	2 43 A	cum 11 ♈	0 52 A
Mar. 1	6 M	♃ ♐ 18 5	0 38 B	3 A 30 Ophiuc.	0 20 A
10	7 V	☿ ♈ 15 33	0 59 B	22 C 13 ♓	0 02 B
15	7 V	☿ ♈ 22 05	1 47 B	13 A 21 ♓	0 04 A
15	7 V	☿ ♈ 23 27	1 58 B	13 C 20 ♓	0 20 B
20	7 V	♂ ♊ 23 05	1 45 B	8 C 27 Aurig.	0 39 B
24	8 V	♂ ♊ 25 19	1 44 B	19 C 25 Aurig.	0 42 A
Apr. 11	8 V	♂ ♋ 5 28	1 39 B	4 C 10 ♊	0 32 A
20	4 M	♃ ♐ 18 37	0 38 B	1 A 30 Ophiuc.	0 20 A
24	4 M	♃ ♐ 18 16	0 38 B	2 C 29 Ophiuc.	0 09 B
18	8 V	♂ ♋ 9 31	1 36 B	8 A 21 ♊	0 04 B
Maii 3	4 M	♃ ♐ 17 26	0 37 B	1 C 28 Ophiuc.	0 17 B
8	4 M	☿ ♈ 13 22	1 52 A	5 A 14 ♓	0 21 A
13	4 M	☿ ♈ 18 44	2 02 A	1 A 16 ♓	1 01 B
14	5 V	♂ ♋ 24 45	1 27 B	13 A 8 ♋	0 12 B
27	8 V	♂ ♌ 2 32	1 22 B	16 A Præſepis	0 08 B
Jun. 1	4 M	☿ ♉ 10 23	2 12 A	2 A 14 ♈	0 42 A
21	4 M	☿ ♊ 3 33	1 46 A	22 A 15 ♉	0 50 B
21	9 V	☿ ♋ 24 44	1 50 B	14 A 8 ♋	0 34 B

Residuum tabulæ præcedentis.

1675 Mensis dies	hora	P	Planetar. loci ☉		Planet. latitud. ☉		Longitudines a fixis			Latitud ab iis	
			°	′	°	′				°	′
Jun 25	9 V	☿☌☽	1	58	1	39 B	50 A	1	♋	0	25 B
28	4 M	☿☊	11	47	1	31 A	19 A	18	♉	0	18 B
30	9 V	☌☊	23	13	1	09 B	13 A	16	♌	1	01 A
Julii 2	9 V	☌☽	25	14	1	08 B	5 A	Cordis	♌	0	41 B
6	9 V	☿☌	19	08	0	27 B	11 C	11	♌	0	11 B
9	9 V	☿☌	23	05	1	01 A	19 C	10	♌	0	02 A
11	9 V	☿☌	25	32	0	21 A	13 C	Cordis	♌	0	47 A
12	4 M	☿☊	28	22	0	56 A	33 A	14	♊	0	02 B
* 14	4 M	☿☍	0	46	0	50 A	0 A	15	♊	0	03 B
19	4 M	☿☍	6	45	0	36 A	40 A	20	♊	0	36 B
27	9 V	☌♍	10	04	0	57 B	14 C	38	♌	0	23 A
Aug 10	4 M	☿☌	3	20	0	26 B	32 C	1	♋	0	48 A
22	4 M	☿☌	19	14	0	54 B	17 C	11	♌	0	38 B
26	5 M	☿☌	22	58	1	00 B	12 C	10	♌	1	00 B
28	5 M	☿☌	29	25	1	03 B	6 C	Cordis	♌	0	36 B
Sept. 9	5 M	☿♍	10	13	1	20 B	15 C	38	☌	0	00 B
12	5 M	☿♍	14	06	1	23 B	10 A	24	♌	0	17 A
19	5 M	☿♍	22	42	1	27 B	8 C	5	♍	0	44 B
25	5 M	☿♎	6	11	1	27 B	7 C	6	♍	0	02 B
Octob. 3	4 M	♄☌	10	25	2	43 A	0 A	14	♈	1	13 A
6	6 M	☿♎	13	59	1	22 B	20 C	9	♍	0	23 A
10	6 V	☿☍	17	29	0	12 B	4 C	28	Ophiuc.	0	08 A
14	6 V	☿☍	18	14	0	12 B	0 C	29	Ophiuc.	0	17 A
16	6 V	☿☍	18	37	0	11 B	1 A	30	Ophiuc.	0	46 A

Indicant duæ priores columnellæ, Mensem & horam vesperi vel manè, prout literis V *&* M, *notatur qua phænomenon expectandum:* 3. *Planetæ locum:* 4. *Latitudinem ejus:* 5. *Planetæ longitudinem:*

tudinem à fixa vel in Antecedentia litera A, *vel Consequentia litera* C *significata. Ultima latitudinem Planetæ à fixa Austrum vel Boream versus, prout literis* A *vel* B, *signatur. Sic Octobris* 10. *hora* 6. *vesperi* ♆ *in* ♐, 17°. 29′. *cum latitudine* 0°. 12′ B, *erat* 4′. *in consequentia* 28. *stellæ Ophiuchi cum latitudine ab eadem Austrum versus* 0° 08′.

Planetarum Superiorum ad fixas appulsus, diebus aliquot cùm precedentibus tum sequentibus in tabella diem designatum observare licet, ob motum earum tardiorem: inferiorum rarò præterquam ipso die in Catalogo descripta, ni tubo utemur brevtori, & ad amplius spacium recipiendum latiori vitro ad oculum instructo. Hæc omnia quæ descripsi phænomena tubo septem pedali, qui vitrum habeat ad oculum non plus duobus digitis latum, commodè observari possunt.

Denique fixarum adjicio catalogum quibus vel Luna vel reliqui faciunt Planetæ appulsus, Anno 1675. *ut si locus tibi in designata supererit Ephemeride, hanc etiam cum ipsis appulsibus in usum curiosi cælispicii edi cures; cui verè elaboratum & correctum cælestium motuum Ephimerida longè fore gratiorem quàm Astrologorum nugas ridiculas spondeo & confido.*

Constellatio

Anno 1675.

Conſtellatio	*a	Longitudo S. ° ′	Latitudo ° ′	Mag.
Piſcium ♓ - -	14	♈ 13 27	1 31 A	6
	13	15 21	1 57 B	4
	21	22 18	1 51 B	5
	20	23 14	1 39 B	5
Arietis ♈ - - -	14	♉ 10 25	1 30 A	6
	10	17 26	2 50 B	5
	11	18 53	2 36 B	6
Tauri ♉ - - - -	15	♊ 3 55	2 37 A	4
	22	3 56	1 04 B	5
	18	12 05	1 49 A	4
Aurigæ - - -	27	22 57	1 06 B	4
	25	25 00	2 26 B	4
Geminorum ♊	14	28 55	0 58 A	4
	15	♋ 0 46	0 53 A	3
	10	5 24	2 11 B	3
	20	7 25	1 12 A	6
	21	9 39	1 31 B	6
	12	13 58	0 13 A	3
Cancri ♋ - - -	8	24 58	1 16 B	5
	11	29 15	1 04 A	6
	1	♌ 2 48	1 14 B	Neb.
	12	7 50	1 54 A	6
Leonis ♌ - - - -	12	17 09	3 10 A	4
	28	17 34	4 48 A	6
	11	18 57	0 16 B	5
	13	19 42	3 47 A	4
	10	22 46	0 01 B	4
	14	24 48	3 55 A	4
	8	25 19	0 27 B	1
	38	♍ 10 00	1 21 B	4

Anno 1675.

Conſtellatio	✱ a	Longitudo S. ° ′	Latitudo ° ′	Mag.
Leonis ♌ - - -	24	♍ 14 10	1 40 B	4
	33	19 52	5 41 A	5
Virginis ♍ - -	5	22 34	0 43 B	5
	6	♎ 0 18	1 25 B	4
	9	13 39	1 45 B	4
	39	21 37	6 16 A	5
Scorpii ♏ - - -	3	♏ 28 27	5 22 A	3
Ophiuchi - - -	28	♐ 17 25	0 20 B	4
	29	18 14	0 29 B	5
	30	18 38	0 58 B	5
Capricorni ♑	10	♒ 3 08	0 15 B	6
	25	18 14	2 22 B	5
Aquarii ♒ - - -	13	28 47	2 46 B	4
	14	29 33	2 29 B	5
	22	♓ 4 54	4 08 B	4
Piſcium ♓ - -	5	17 21	4 27 B	5
	7	22 07	3 25 B	5

THeſe laſt *Tables* of the *Apulſes* of the ☽ and Planets to the fixed Stars, I procured from that diligent Aſtronomer, Mr. *John Flamſted*, and have kept the Latin ſtile, becauſe it may be of uſe to ſtrangers abroad: and to the end, to excite all to make more exact Obſervations for the completing Aſtronomy, which they are deſired to communicate to Mr. *Hook*, *Profeſſor of Aſtronomy at Greſham College*, London.

And that they may be provided with Proſpective Glaſſes, which for this work of Eclipſes and Apulſes need not be above ſeven foot long, as was ſaid before.

Mr. *Chriſtopher Cox*, an excellent Artiſt, for grinding of

of Glaſſes, dwelling in *Long-Acre*, has Inſtructions and Directions from Mr. *Flamſted*, how to place Mr. *Townleys Micrometer* in the Tube, to take Angles to a Second, which *Micrometers* are made by Mr. *Humphrey Addamſon*, living near *Turn-ſtile* in *Holborn*; and Mr. *Cox*, will after a new way, make the Glaſſes to take in an Angle, much larger than ever was formerly done: and now that Mr. *Hook*, and Mr. *Townley* are both upon the contriving Quadrants, of three Foot Radius, to take Angles more exactly than to a minute, fitted with Glaſſes; we may hope by the means of the induſtrious Mr. *Flamſted* and others, to have a very good Accompt of ſome notable Progreſs in this kind. Laſtly, I give notice that the *Mathematical Compendium* containing all the moſt uſeful *Rules in Arithmetick, Geometry, Aſtronomy, and other Sciences*, applyed to common uſes, collected by me out of the Papers and Notes of Sir *Jonas Moore*, is now to be ſold by Major *Nath. Brooke*, at the *Angel* in *Cornhil*, and at other Booksellers with this Almanack; ſo ordered, that it may be taken out, and another put in each year; which will make it a very delightful and uſeful Companion.

VIVAT REX.